



भारत का राजपत्र

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इस भाग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके।
(Separate paging is given to this Part in order that it may be filed as a separate compilation)

नोटिस

NOTICE

वीचे लिखे भारत के असाधारण राजपत्र 25 सितम्बर तथा 7 अक्टूबर 1968 तक प्रकाशित किए गये हैं :—

The undermentioned *Gazettes of India Extraordinary* were published up to the 25th September and 7th October 1968 :—

अंक Issue No.	संख्या और तारीख No. and Date	द्वारा जारी किया गया Issued by	विषय Subject

(शून्य)

(Nil)

ऊपर लिखे असाधारण राजपत्रों की प्रतियां प्रकाशन प्रबन्धक, सिविल लाइन्स, दिल्ली के नाम मांग-पत्र भेजने पर भेज दी जाएंगी।
मांग-पत्र प्रबन्धक के पास इन राजपत्रों के जारी होने की तारीख से दस दिन के भीतर पहुंच जाने चाहिए।

Copies of the *Gazettes Extraordinary* mentioned above will be supplied on Indent to the Manager of Publications, Civil Lines, Delhi. Indents should be submitted so as to reach the Manager within ten days of the date of issue of these *Gazettes*.

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भाग I—खंड 1

PART I—SECTION 1

(रक्षा मंत्रालय को छोड़कर) भारत सरकार के मंत्रालयों और उच्चतम प्रायालय द्वारा जारी की गई विधितर नियमों, विनियमों तथा आदेशों और संकल्पों से सम्बन्धित अधिसूचनाएं

Notifications relating to Non-Statutory Rules, Regulations, Orders and Resolutions issued by the Ministries of the Government of India (other than the Ministry of Defence) and by the Supreme Court

समाज कल्याण विभाग

नई दिल्ली, दिनांक 18 अक्टूबर 1968

संकल्प

विषय:—समाज कल्याण तथा पुनर्वासि निवेशालय और उसकी अनुषंगी संस्थाओं के कार्य के पुनर्विलोकन के लिए समिति की स्थापना।

सं० 19-12/68-एस० ३८८०-४—निर्णय किया गया है कि समाज कल्याण तथा पुनर्वासि निवेशालय और उसकी अनुषंगी संस्थाओं के कार्य के पुनर्विलोकन के लिए इस विभाग के सभी संचयों के संकल्प दिनांक 2 मई, 1968 के अधीन स्थापित की गई समिति 2 अक्टूबर, 1968 के, जैसा कि इस विभाग के सभी संचयों के संकल्प दिनांक 10 सितम्बर, 1968 में निश्चित किया गया था, बजाए 15 नवम्बर, 1968 तक अपनी रिपोर्ट पेश करे।

आदेश

आदेश दिया जाता है कि इस संकल्प की एक-एक प्रतिलिपि निम्नलिखित को प्रेषित की जाए :

1. भारत सरकार के सभी मंत्रालय/विभाग।
2. समिति के सदस्य।
3. योजना आयोग, प्रधान मंत्री सचिवालय, मंत्रिमंडल सचिवालय, राष्ट्रपति के निजी तथा सैनिक सचिव।
4. निदेशक, समाज कल्याण तथा पुनर्वासि निवेशालय, जामनगर हाउस, नई दिल्ली।

यह भी आदेश दिया जाता है कि इस संकल्प की एक प्रतिलिपि को साधारण जानकारी के लिए भारत के राजपत्र में प्रकाशित किया जाए।

कैलाश चन्द्र, समाज कल्याण आयुक्त

वित्त मंत्रालय

(अर्थ विभाग)

नई दिल्ली, दिनांक 26 अक्टूबर 1968

सं० एफ० १(३)-एन० एस०/६८—प्राधिकृत अभिकर्ता (बंक) योजना के पैराग्राफ 6 में उल्लिखित करार के पैराग्राफ 1 और 8 के अनुसार, केन्द्रीय सरकार एतद्वारा अधिसूचित करती है कि—

(1) इस योजना के अन्तर्गत नियुक्त किया गया प्रत्येक अभिकर्ता, 1 नवम्बर, 1968 से, वित्त मंत्रालय की 17 अप्रैल, 1968 की अधिसूचना संख्या और एस० आर० 745 में अधि-

सूचित सरकारी वचत पत्र (सावधिक जमा) नियमावली 1968 के अनुसार सावधिक जमा के रूप में जो निवेश स्वीकार किये जाएं हैं उनके लिए प्रचार कर सकेगा और उन्हें प्राप्त कर सकेगा; और

(2) अभिकर्ता, उसके द्वारा प्राप्त की गयी सावधिक जमा पर 1.25 प्रतिशत की दर से कमीशन पाने का हकदार होगा।

सं० एफ० ८(१८)-एन०/६८—श्री पी० आर० चक्रवर्ती, १३/२३ वैस्टर्न एक्सटेंशन एग्रिया, नवी दिल्ली-५ को, भारत सरकार, वित्त मंत्रालय के ६ सितम्बर, १९६८ के संकल्प संख्या एफ० ८(१८) एन० एस०/६८ के अनुसार पुनर्गठित राष्ट्रीय वचत केन्द्रीय सलाहकार बोर्ड का सदस्य नियुक्त किया गया है।

वी० एस० राजगोपालन, अनु-सचिव

वाणिज्य मंत्रालय

नई दिल्ली, दिनांक 15 अक्टूबर 1968

संकल्प

सं० २८(६३)-प्लांट(ए०)/६६—भारत के असाधारण राजपत्र में प्रकाशित वाणिज्य मंत्रालय के संकल्प संख्या २८(६३)-प्लांट(ए०)/६६, दिनांक ४ अगस्त, १९६७ द्वारा यथा संशोधित वाणिज्य मंत्रालय के संकल्प संख्या २८(६३)-प्लांट(ए०)/६६, दिनांक, ९ जनवरी, १९६७ की कंडिका २ की विद्यमान प्रविष्टि १३ के स्थान पर निम्नसिद्धित रखा जायेगा, अर्थात् :—

“सदस्य—संयुक्त सचिव

१३. श्री एम० के० दस,

सहायक निदेशक, चाय विकास
चाय बोर्ड, कलकत्ता”

आदेश

आदेश दिया जाता है कि इस संकल्प को भारत के राजपत्र में प्रकाशित किया जाये।

एस० एन० डन्डोना, उप-सचिव

नई दिल्ली, दिनांक 24 अक्टूबर 1968

संकल्प

सं० २८(६३)-प्लांट(ए०)/६६—चाय उद्योग की आर्थिक परिस्थितियों तथा समस्याओं का व्यापक अध्ययन करने के लिये श्री पी० सी० बरुआ की अध्यक्षता में समिति की नियुक्ति के बारे में भारत के राजपत्र में प्रकाशित वाणिज्य मंत्रालय के संकल्प संख्या २८(६३)-प्लांट(ए०)/६६ दिनांक १० सितम्बर, १९६८ में

संशोधन करते हुए भारत सरकार ने समिति की कार्यविधि को 30 नवम्बर, 1968 तक बढ़ाने का विनिश्चय किया है।

आदेश

आदेश दिया जाता है कि संकल्प को भारत के राजपत्र में प्रकाशित किया जाए।

बी० कृष्णमूर्ति, अवर सचिव

खाद्य, हथिः, सामुदायिक विकास सम्बन्ध संस्था सहकारिता मंत्रालय (कृष्ण विभाग)

नई दिल्ली, दिनांक 25 अक्टूबर 1968

संकल्प

सं० 6-15/67-अर्थ नीति—भारत सरकार ने कृषि मूल्य आयोग को सलाह देने के लिये संकल्प सं० 6-26/66-अर्थ नीति दिनांक 5 जुलाई, 1966 द्वारा स्थापित किये किसानों के पैनल को पुनर्गठित करने का निश्चय किया है।

पैनल में निम्नलिखित सदस्य होंगे :—

1. श्री एस० एस० देशमुख,
लोक सभा सदस्य,
एडब्ल्यूकेट, हंगोली, जिला परभाना।
2. श्री कुम्भ राम आर्य,
राज्य सभा सदस्य,
दुर्गापुरा, जयपुर।
3. श्री बी० चिरन्तीश्वरी, बी० एस० सी० (एग्री०),
अंतकापल्ली तालुक
जिला विसाखापत्नम (आन्ध्र प्रदेश)।
4. श्री भनीरह्मीन लसकर,
गांव बोरबीरी, डाकखाना दक्षिण महेरपुर,
जिला काचर (आसाम)।
5. श्री बिंदेश्वरी प्रसाद सिंह,
गांव खासपुर, डाकखाना सादिसोपुर,
पटना जिला (बिहार)।
6. श्री फुलाभाई जवार भाई पटेल,
झाकोर, जिला खेड़ा (गुजरात राज्य)।
7. श्री पूरन लाल बत्ता,
सुपुत्र श्री बलराम दास बत्ता,
48, माडल टाउन,
रोहतक (हरियाणा)।
8. श्री आर० पी० स्वामीअच्या गोडर,
'मुहगन अरुल' भवनम्
रामावरमापुरम् पुदुर,
कोजिंगमारा, डाकखाना (केरल राज्य)।
9. श्री गवार बहादुर सिंह,
मिरमन लोराटा,
रीता (मध्य प्रदेश)।

10. यिलू जी० रामचन्द्रन,
24 गनपथी नगर, मयोरम,
तंजीर जिला (मद्रास)।

11. श्री मानिवराव एस० अनविकर,
पोस्ट अनविं, शिल्लोड तालुक,
औरंगाबाद जिला (महाराष्ट्र राज्य)।

12. श्री बैनकटे गाथडा,
डाकखाना अवाली, देवनाहली तालुक,
जिला बंगलौर (मैसूर राज्य)।

13. श्री राधानाथ रथ, एम० एल० ए०,
गोपबन्धु भवन,
कटक-1।

14. ब्रिगेडियर बी० एस० बाजबा,
मारक्षत पोस्ट बाक्स नं० 15,
बटाला, जिला गुरुदासपुर (पंजाब)।

15. श्री चांदी दन देशा,
गांव तथा डाकखाना बरुडा,
पंचायत समिति,
बिलारा, जिला जोधपुर (राजस्थान)।

16. श्री दया शंकर वर्मा,
गांव कडेड़ा, डाकखाना सिरंतापुर (लेहरपुर)
जिला सीतापुर (उत्तर प्रदेश)।

17. श्री उमा शंकर हल्दर,
गांव तथा डाकखाना पुइनान,
जिला हुगली (पश्चिम बंगाल)।

सम्पर्क

शुरू में पुनर्गठित पैनल का कार्य-काल एक वर्ष होगा।

कार्यविधि सियम

पैनल की बैठक आवश्यकतानुसार बुलाई जायेगी और यह पैनल कृषि मूल्य आयोग द्वारा निर्दिष्ट भासलों पर विचार करके सलाह देगा।

आदेश

आदेश दिया जाता है कि इस संकल्प की एक प्रति भारत सरकार के समस्त मंत्रालयों और विभागों, समस्त राज्य और संघ प्रदेश सरकारों, योजना आयोग, प्रधानमंत्री सचिवालय, राष्ट्रपति सचिवालय, लोक सभा सचिवालय, राज्य सभा सचिवालय, भारत के नियंत्रक तथा महालेखा परीक्षक, अर्थ-शास्त्रियों के पैनल, कृषि-वैज्ञानिकों के पैनल, कृषि प्रशासन के विशेषज्ञों के पैनल के सभी सदस्यों और खाद्य, कृषि, सामुदायिक विकास और सहकारिता मंत्रालय (कृषि विभाग) के समस्त संस्थान तथा अधीनस्थ कार्यालयों को भेजी जाए।

यह भी आदेश दिया जाता है कि सामान्य जानकारी के लिये, यह संकल्प भारत के राज-पत्र में प्रकाशित किया जाये।

जगदीश चन्द्र माथुर, अपर सचिव

नई दिल्ली, दिनांक 28 अक्टूबर 1968

प्रस्ताव

सं० 5-11/67-फसल प्रशासन-II—भारत सरकार ने निर्णय किया है कि केन्द्रीय न्यूक्लियर जूट बीच संवर्धन फार्म, पानागढ़ (बुद बुद) और प्रादेशिक कार्यालय, पटसन विकास, कलकत्ता से सम्बद्ध अजायबघर के प्रशासनिक नियन्त्रण के कार्य को प्रत्येक के सामने लिखी तारीख से भारतीय कृषि अनुसंधान परिषद् सोसायटी को सौंप दिया जाए :—

1. केन्द्रीय न्यूक्लियर जूट संवर्धन फार्म, पानागढ़ (बुद बुद) 12 जनवरी, 1968
2. प्रादेशिक कार्यालय, पटसन विकास, कलकत्ता से सम्बद्ध अजायबघर 1 अगस्त, 1968

2. भारत सरकार ने यह भी निर्णय किया है कि उपरोक्त पैरा 1 में लिखित फार्म तथा अजायबघर की सभी चल सम्पत्ति, परिस्थिति जिसमें दावे शामिल हैं—कार्यवाही योग्य दावे एवं छूट और जिम्मेदारियों को ओपन्चारिक परिवर्तन सम्बन्धी विलेख अथवा विलेखों का निष्पादन करके भारतीय कृषि अनुसंधान परिषद् को सौंप दिया जाये। विलेखों का रूप एवं प्रकार यथाशीघ्र निश्चित किया जाएगा। न्यूक्लियर बीज संवर्धन फार्म, पानागढ़ (बुद बुद) की अवलसम्पत्ति का हक आगामी आदेशों तक भारत सरकार के पास ही रहेगा।

3. भारत सरकार उपरोक्त पैरा 1 में लिखित न्यूक्लियर जूट बीज संवर्धन फार्म, पानागढ़ (बुद बुद) की गतिविधियों के लिये अपेक्षित वार्षिक अनुदान भारतीय कृषि अनुसंधान परिषद् को देगी।

आदेश

आदेश दिया जाता है कि प्रस्ताव की एक प्रति समस्त राज्य सरकारों, संघ क्षेत्रों के प्रशासन तथा भारत सरकार के मन्त्रालयों, योजना आयोग, मन्त्रिमण्डल सचिवालय, प्रधान मंत्री सचिवालय, सोक सभा सचिवालय तथा राज्य सभा सचिवालय को भेज दी जाए।

2. यह भी आदेश दिया जाता है कि प्रस्ताव को सामान्य जानकारी के लिए भारत के राजपत्र में प्रकाशित किया जाए।

सुधेन्द्र ज्योति मजुमदार, अपर सचिव

शिक्षा मंत्रालय

नई दिल्ली, दिनांक 26 अक्टूबर 1968

संकल्प

सं० एफ० 3-53/68-सी० ए०-I(5)—भारत सरकार ने केन्द्रीय संप्रहालयों, अर्थात्, राष्ट्रीय संप्रहालय, नई दिल्ली, सालारजंग संप्रहालय, हैदराबाद तथा भारतीय संप्रहालय कलकत्ता के कार्य और संप्रहालयों एवं संरक्षित पुरातत्वीय स्मारकों तथा स्थलों में कला वस्तुओं के मौजूदा सुरक्षा प्रबन्धों के पुनरीक्षण के लिए एक समिति स्थापित करने का निर्णय किया है।

2. इस समिति में निम्नलिखित अवित होंगे :—

प्रध्यक्ष

(i) डा० एम० एस० रंधारा,
मुख्य अध्यक्ष, चण्डीगढ़।

सदस्य

(ii) प्रो० नश्ल हसन,
संसद सदस्य
अलीगढ़ भुस्लिम विश्वविद्यालय,
अलीगढ़।

(iii) डा० डी० पी० घोष,
आशुतोष संप्रहालय, कलकत्ता।

(iv) डा० मोती चन्द्र,
प्रिंस आफ वेल्स म्यूजियम,
बम्बई।

(v) डा० एस० टी० सत्यामूर्ति,
राज्य संप्रहालय,
मद्रास।

सदस्य-सचिव

(vi) श्री बी० बी० लाल,
महानिदेशक, पुरातत्व सर्वेक्षण,
नई दिल्ली।

3. समिति के विचारणीय विषय निम्नलिखित होंगे :—

(i) तीनों केन्द्रीय संप्रहालयों के कार्य का पुनरीक्षण करना तथा उनके समुद्रत कामों के प्रति सिफारिशें करना और विशेषकर संप्रहालयों में सुरक्षा प्रबन्धों के सुधार के लिए उपाय सुझाना; और

(ii) संरक्षित पुरातत्वीय स्मारकों व स्थलों के मौजूदा सुरक्षा प्रबन्धों का पुनरीक्षण करना तथा उन्हें मजबूत बनाने के उपायों की सिफारिशें करना।

आदेश

आदेश है कि यह संकल्प भारतीय राजपत्र में जन्म साधारण की सूचना के लिए प्रकाशित किया जाए। यह भी आदेश है कि इस संकल्प की एक-एक प्रति सभी संवालयों और भारत सरकार, राज्य सरकारों के तथा सभी सम्बन्धित विभागों को भेजी जाए।

जी० के० चन्द्रीरामाणी, सचिव

रेल मंत्रालय

(रेलवे बोर्ड)

नई दिल्ली, दिनांक 27 अक्टूबर 1968

सं० 60/आर० ई०/240/3—उत्तर रेलवे के निम्नलिखित खण्ड पर बनी हुई रेलवे लाइनों और परिसरों के सभी उपयोग-कर्ताओं को आम जानकारी के लिए एतद-द्वारा सूचित किया जाता है कि उक्त खण्ड के सामने निर्दिष्ट तारीख को या उसके बाद 25000 बोल्ट 50 साइकिल ए० सी० के ऊपरी कर्षण तारों में बिजली आ जायेगी। उस तारीख से ऊपरी कर्षण लाइन को हर समय बिजली-युक्त माना जायेगा और किसी भी अनधिकृत व्यक्ति को उन ऊपरी लाइनों के पास जाने या काम करने की अनुमति न होगी।

खण्ड

पंकी स्टेशन यार्ड और पंकी स्टेशन की दो आई० ओ० सी०
 लूप लाइनों और डाउन लूप लाइनों सहित
 संरचना नं० कि० मी० 1027/23-24 से संरचना
 नं० 1030/25-26 तक।

तारीख
31-8-1968

सं० 60/आर० ई० 240/3—सर्व साधारण को सूचित किया जाता है कि पंकी स्टेशन यार्ड में दो आई० ओ० सी० लूप लाइनों और डाउन लूप लाइन सहित संरचना नं० कि० मी० 1027/23-24 से संरचना नं० कि० मी० 1030/25-26 तक 25 के० घी० ए० सी० बिजली कर्पण चालू करने के सम्बन्ध में सभी समाप्तारों पर सङ्क के स्तर से स्पष्टतः 15 फुट 4 इंच ऊंचे ऊंचाई गेज लगा दिये गये हैं ताकि बहुत अधिक ऊंचाई तक लदा हुआ सामान विजली संचारित कर्पण तारों के सम्पर्क में या उनके इतने निकट न आये कि खतरा पैदा हो जाये। इसलिए जनता को सूचित किया जाता है कि वाहनों में सदान के उद्देश्य से ऊपर बताई गई ऊंचाई का ध्यान रखा जाये और सड़क वाहनों में लादा गया सामान किसी भी हालत में ऊंचाई गेजों का अधिलंबन न करे।

बहुत अधिक ऊंचाई तक लादे हुए सामान से जो खतरे हो सकते हैं, वे इस प्रकार हैं :—

- (i) ऊंचाई गेज उखड़ जायेगा जिसकी वजह से सड़क और रेलवे लाइन पर रुकावट पैदा हो जायेगी।
- (ii) छोये जाने वाले सामान या उपस्कर (या स्वयं वाहन) को क्षति पहुंचेगी।
- (iii) बिजली संचारित कंडक्टरों के सम्पर्क में या उनके बहुत निकट आ जाने के कारण आग लग सकती है जिससे जान के लिए जोखिम पैदा हो सकता है।

नियम

दिनांक 9 नवम्बर 1968

सं० अ० ई० (जी० आर०) I-68 आर० आर० 7-2—इंजी-नियरों की भारतीय रेल सेवा में विशेष श्रेणी अप्रेंटिसों के रूप में नियुक्ति के लिए उम्मीदवारों का चयन करने के उद्देश्य से संघ लोक सेवा आयोग द्वारा मई 1969 में ली जाने वाली प्रतियोगिता परीक्षा के नियम आम जानकारी के लिए प्रकाशित किये जाते हैं।

2. परीक्षा-परिणामों के आधार पर भरी जाने वाली रिक्तियों की संख्या का उल्लेख आयोग द्वारा जारी की जाने वाली सूचना में किया जायेगा। अनुसूचित जातियों तथा अनुसूचित आदिम जातियों के उम्मीदवारों के सम्बन्ध में रिक्तियों का आरक्षण भारत सरकार द्वारा नियत संख्या में किया जायेगा।

अनुसूचित जातियों/आदिम जातियों से अभिप्राय है कोई भी एसी जाति/आदिम जाति जिसका उल्लेख अनुसूचित जाति या अनुसूचित आदिम जाति आदेश (संशोधन) अधिनियम, 1956 संविधान (जम्मू और काश्मीर) अनुसूचित जाति आदेश, 1956 संविधान (अंडमान और निकोबार द्वीप) अनुसूचित आदिम जाति आदेश, 1959, संविधान (दादरा और नगर हवेली) अनुसूचित जाति आदेश, 1962, संविधान (कादरा और नगर हवेली) अनुसूचित

आदिम जाति, 1962, संविधान (पाञ्जाबी) अनुसूचित जाति आदेश, 1964 और संविधान (अनुसूचित जातियों) (उत्तर प्रदेश) 1967 के साथ पाठित अनुसूचित जाति/आदिम जाति सूची (संशोधन) आदेश, 1956 में किया गया है।

3. इन नियमों के अन्तर्गत परीक्षा, आयोग द्वारा इन नियमों के परिणाम इ में निर्धारित ढंग से ली जायेगी।

परीक्षा-स्थल तथा परीक्षा की तारीखें आयोग द्वारा नियत की जायेंगी।

4. उम्मीदवार के लिए आवश्यक होगा कि वह या तो :—

- (क) भारत का नागरिक हो, या
- (ख) सिक्किम की प्रजा हो, या
- (ग) नेपाल की प्रजा हो, या
- (घ) भूटान की प्रजा हो, या
- (ङ) तिब्बती शरणार्थी हो, जो भारत में स्थायी रूप से बसने के इरादे से, पहली जनवरी, 1962 से पहले भारत आया हो, या
- (च) वह व्यक्ति जो मूलतः भारतीय हो और भारत में स्थायी रूप से बसने के इरादे से पाकिस्तान, बर्मा, श्रीलंका और पूर्वी अफ़्रीका के केन्या, उगान्दा तथा तेंजानिया के संयुक्त गणराज्य (भूतपूर्व तांगानिका और जनजीवार) देशों से प्रवृत्तन करके भारत आया हो;

परन्तु उपर्युक्त वर्ग (ग), (घ), (ङ) और (च) का उम्मीदवार वह व्यक्ति होगा जिसे भारत सरकार द्वारा पावता प्रमाण-पत्र दिया गया हो।

लेकिन निम्नलिखित में से किसी भी कोटि के उम्मीदवारों के मामले में पावता-प्रमाण पत्र की आवश्यकता न होगी ;

- (i) वे व्यक्ति जो 19 जुलाई, 1948 से पहले पाकिस्तान से प्रवृत्तन करके भारत आये हों और तब से साधारणतः भारत में रह रहे हों;
- (ii) वे व्यक्ति, जो 19 जुलाई, 1948 को या उसके बाद पाकिस्तान से प्रवृत्तन करके भारत आये हों, और जिन्होंने संविधान के अनुच्छेद 6 के अधीन अपने को भारतीय नागरिक के रूप में रजिस्टर करा लिया हो।
- (iii) उपर्युक्त कोटि (च) के नागरिकेतर व्यक्ति, जो संविधान लागू होने अर्थात् 26 जनवरी 1950 से पहले भारत सरकार के अधीन सेवा में आ गये हों और तब से बिना व्यवधान के इस सेवा में चले आ रहे हों। लेकिन यदि ऐसा कोई व्यक्ति 26 जनवरी, 1950 के बाद सेवा व्यवधान के पश्चात फिर सेवा में आया हो या आये तो उसके लिए यद्यारीति पावता-प्रमाण पत्र देना आवश्यक होगा।

जिस उम्मीदवार के मामले में पावता-प्रमाण पत्र आवश्यक हो उसे परीक्षा में बैठने दिया जा सकता है और अनन्तिम रूप से उसकी नियुक्ति भी की जा सकती है, बास्तें कि सरकार उसे आवश्यक प्रमाण-पत्र दे।

5. (क) उम्मीदवार के लिए आवश्यक है कि उसकी आयु 1 जनवरी, 1969 को 16 वर्ष हो चुकी हो लेकिन 19 वर्ष न हुई हो अर्थात् वह 2 जनवरी, 1960 से पहले और 1 जनवरी, 1953 के बाद पैदा न हुआ हो।

(ख) ऊपर निर्धारित अधिकतम आयु-सीमा में निम्नलिखित छूट दी जा सकती हैः—

(i) यदि उम्मीदवार अनुसूचित जाति या अनुसूचित आदिम जाति का हो, तो अधिक से अधिक पांच वर्ष तक;

(ii) यदि उम्मीदवार पूर्वी पाकिस्तान से आया हुआ सदाशयी विस्थापित व्यक्ति हो और 1 जनवरी, 1964 को या उसके बाद प्रव्रजन करके भारत आया हो, तो अधिक से अधिक तीन वर्ष तक, लेकिन यह रियायत किसी ऐसे उम्मीदवार को स्वीकार्य नहीं होगी जो ऐसी पिछली तीन परीक्षाओं में बैठ चुका हो;

(iii) यदि उम्मीदवार अनुसूचित जाति या अनुसूचित आदिम जाति का हो और साथ ही पूर्वी पाकिस्तान से आया हुआ सदाशयी विस्थापित व्यक्ति हो और 1 जनवरी, 1964 को या उसके बाद प्रव्रजन करके भारत आया हो, तो अधिक से अधिक आठ वर्ष तक। लेकिन यह रियायत किसी ऐसे उम्मीदवार को स्वीकार्य नहीं होगी जो ऐसी पिछली आठ परीक्षाओं में बैठ चुका हो;

(iv) यदि उम्मीदवार पांडिचेरी के संघ क्षेत्र का निवासी हो और उसने किसी सभ्य फ्रेंच भाषा के माध्यम से शिक्षा पायी हो, तो अधिक से अधिक तीन वर्ष तक;

(v) यदि उम्मीदवार भारतीय मूल का, श्रीलंका से आया हुआ सदाशयी प्रत्यावर्ती हो और अक्टूबर, 1964 के भारत-श्रीलंका करार के अधीन 1 नवम्बर, 1964 को या इसके बाद प्रव्रजन करके भारत आया हो, तो अधिक से अधिक तीन वर्ष तक। लेकिन यह रियायत किसी ऐसे उम्मीदवार को स्वीकार्य नहीं होगी, जो ऐसी पिछली तीन परीक्षाओं में बैठ चुका हो;

(vi) यदि उम्मीदवार अनुसूचित जाति या अनुसूचित आदिम जाति का हो और साथ ही भारतीय मूल का, श्रीलंका से आया हुआ सदाशयी प्रत्यावर्ती हो तथा अक्टूबर, 1964 के भारत-श्रीलंका करार के अधीन 1 नवम्बर, 1964 को या इसके बाद प्रव्रजन करके भारत आया हो, तो अधिक से अधिक आठ वर्ष तक। लेकिन यह रियायत किसी ऐसे उम्मीदवार को स्वीकार्य नहीं होगी जो ऐसी पिछली आठ परीक्षाओं में बैठ चुका हो;

(vii) यदि उम्मीदवार गोआ, दमन और दिव संघ क्षेत्र का निवासी हो, तो अधिक से अधिक तीन वर्ष तक;

(viii) यदि उम्मीदवार भारतीय मूल का हो और केन्या, उगान्डा और तंजानिया के संयुक्त गणराज्य (भूसपूर्व तांगानिका और जन्नीबार) से प्रव्रजन करके भारत आया हो, तो अधिक से अधिक तीन वर्ष तक;

(ix) यदि उम्मीदवार भारतीय मूल का बर्मा से आया हुआ सदाशयी प्रत्यावर्ती हो और 1 जून, 1963 को या इसके बाद प्रव्रजन करके भारत आया हो, तो अधिक से अधिक तीन वर्ष तक। लेकिन यह रियायत किसी ऐसे उम्मीदवार को स्वीकार्य नहीं होगी जो ऐसी पिछली तीन परीक्षाओं में बैठ चुका हो;

(x) यदि उम्मीदवार अनुसूचित जाति या अनुसूचित आदिम जाति का हो और साथ ही भारतीय मूल का बर्मा से आया हुआ सदाशयी प्रत्यावर्ती हो तथा 1 जून, 1963 को या इसके बाद प्रव्रजन करके भारत आया हो, तो अधिक से अधिक आठ वर्ष तक। लेकिन यह रियायत किसी ऐसे उम्मीदवार को स्वीकार्य नहीं होगी जो ऐसी पिछली आठ परीक्षाओं में बैठ चुका हो;

(xi) किसी अन्य देश के साथ युद्ध के दौरान या उपद्रवग्रस्त क्षेत्र में अपाहिज हो जाने के फलस्वरूप मुक्त हुए सैनिक कर्मचारियों के मामले में अधिक से अधिक तीन वर्ष तक। लेकिन यह रियायत किसी ऐसे उम्मीदवार को स्वीकार्य नहीं होगी जो ऐसी पिछली तीन परीक्षाओं में बैठ चुका हो।

(xii) किसी अन्य देश के साथ युद्ध के दौरान या उपद्रवग्रस्त क्षेत्र में अपाहिज हो जाने के फलस्वरूप मुक्त हुए अनुसूचित जाति या अनुसूचित आदिम जाति के सैनिक कर्मचारियों के मामले में अधिक से अधिक आठ वर्ष तक। लेकिन यह रियायत किसी ऐसे उम्मीदवार को स्वीकार्य नहीं होगी जो ऐसी पिछली आठ परीक्षाओं में बैठ चुका हो।

उपर्युक्त उपबन्धों के अतिरिक्त किसी भी हालत में निर्धारित आयु-सीमाओं में छूट नहीं दी जायेगी।

6. उम्मीदवार ने

(क) भारत सरकार द्वारा अनुमोदित किसी विश्वविद्यालय या बोर्ड की इंटरमीडिएट अध्यवा समकक्ष परीक्षा प्रथम या द्वितीय श्रेणी में पास की हो जिस में गणित के साथ भौतिकी और रसायन विज्ञान में से कम से कम एक विषय उसकी परीक्षा के विषयों में रहा हो;

जिन स्नातकों ने डिग्री परीक्षा में गणित के साथ भौतिकी और रसायन विज्ञान विषयों में से कम से कम एक विषय लिया हो, वे भी आवेदन-पत्र भेज सकते हैं; या

(ख) किसी विश्वविद्यालय के तीन वर्ष के डिग्री पाठ्यक्रम के अन्तर्गत प्रथम वर्ष की परीक्षा या ग्रामीण उच्चतर शिक्षा की राष्ट्रीय परिषद् की ग्रामीण सेवाओं में तीन वर्ष के डिप्लोमा पाठ्यक्रम प्रथम परीक्षा पास की हो जिसमें गणित के साथ भौतिकी और रसायन विज्ञान में से कम से कम एक विषय रहा हो, लेकिन शर्त यह है कि डिग्री/डिप्लोमा पाठ्यक्रम गुण करने से पहले उसने उच्चतर माध्यमिक परीक्षा या विश्वविद्यालय पूर्व या समकक्ष परीक्षा प्रथम या द्वितीय श्रेणी में पास की हो अथवा कम से कम पांच क्रेडिट सहित (जिनमें गणित में प्राप्त क्रेडिटों के साथ भौतिकी और रसायन विज्ञान में प्राप्त क्रेडिट भी गणित है) कैम्ब्रिज स्कूल सटिक्फिकेन/इंडियन स्कूल सर्टिफिकेट प्राप्त किया हो।

जिन उम्मीदवारों ने तीन वर्षीय पाठ्यक्रम के अन्तर्गत प्रथम/द्वितीय वर्ष की परीक्षा प्रथम या द्वितीय श्रेणी में गणित के साथ

भौतिकी और रसायन विज्ञान में से किसी एक विषय के साथ पास की हो, आवेदन पत्र भेज सकते हैं, लेकिन शर्त यह है कि प्रथम और द्वितीय वर्ष की परीक्षा किसी विश्वविद्यालय द्वारा ली गयी हो;

(ग) दिल्ली पाठीटेक्निक, दिल्ली या भारत सरकार द्वारा अनुमोदित किसी विश्वविद्यालय की पूर्व इंजीनियरी परीक्षा प्रथम या द्वितीय श्रेणी में पास की हो; या

(घ) किसी भारतीय विश्वविद्यालय या मान्यता प्राप्त बोर्ड की पूर्व व्यावसायिक/पूर्व तकनीकी परीक्षा जो उच्चतर माध्यमिक या पूर्व विश्वविद्यालय स्तर के एक वर्ष ब्राद की गयी हो, प्रथम या द्वितीय श्रेणी में पास की हो और परीक्षा के विषयों में गणित के साथ भौतिकी और रसायन विज्ञान में से कम से कम एक परीक्षा का विषय रहा हो;

(इ) किसी विश्वविद्यालय के पांच वर्षीय इंजीनियरी डिप्लोमा पाठ्यक्रम के अन्तर्गत प्रथम वर्ष की परीक्षा पास की हो, लेकिन शर्त यह है कि डिप्लोमा पाठ्यक्रम शुरू करने से पहले उसने उच्चतर माध्यमिक परीक्षा या पूर्व विश्वविद्यालय या समकक्ष परीक्षा प्रथम या द्वितीय श्रेणी में पास की हो या कम से कम पांच क्रेडिट संहित (जिसमें गणित में प्राप्त क्रेडिट के साथ भौतिकी और रसायन विज्ञान में से किसी एक में प्राप्त क्रेडिट भी शामिल है) के मिलज स्कूल सर्टफ़िकेट/इंडियन स्कूल सर्टिफिकेट प्राप्त किया हो।

जिन उम्मीदवारों ने पांच वर्षीय इंजीनियरी डिप्लोमा पाठ्यक्रम की प्रथम वर्ष की परीक्षा प्रथम या द्वितीय श्रेणी में पास की हो, ये भी आवेदन-पत्र भेज सकते हैं लेकिन शर्त यह है कि प्रथम वर्ष की परीक्षा विश्वविद्यालय द्वारा ली गयी हो।

नोट : I जिन उम्मीदवारों को विश्वविद्यालय या बोर्ड इंटरमीडिएट या उपर्युक्त किसी अन्य परीक्षा में कोई विशिष्ट श्रेणी न दी गयी हो, उन्हें भी शैक्षणिक दृष्टि से पात्र समझा जायेगा लेकिन शर्त यह है कि उनके प्राप्तांकों का कुल योग सम्बन्धित विश्वविद्यालय /बोर्ड द्वारा निर्धारित प्रथम या द्वितीय श्रेणी के अंकों की सीमा में हो।

नोट : II कोई ऐसा उम्मीदवार जो किसी ऐसी परीक्षा में बैठ चुका है जिसे पास करने से वह इस परीक्षा में बैठने का पात्र बनता है लेकिन जिसके परीक्षा कल की सूचना उसे नहीं मिली है, इस परीक्षा में प्रवेश के लिए आवेदन-पत्र दे सकता है। यदि कोई उम्मीदवार किसी ऐसी अर्हक परीक्षा में बैठना चाहता है, तो वह भी आवेदन पत्र दे सकता है, लेकिन शर्त यह है कि अर्हक परीक्षा इस परीक्षा के प्रारम्भ होने से पहले समाप्त हो जाये। ऐसे उम्मीदवार को, यदि वह अन्यथा पात्र हो, तो परीक्षा में प्रवेश मिल जायेगा, लेकिन उसके प्रवेश को अनन्तिम समझा जायेगा और यदि वह उस परीक्षा को पास करने का प्रमाण यथासंभव शीघ्र, और किसी भी हालत में इस परीक्षा के प्रारम्भ होने से दो गहीगे के भीतर प्रवेश नहीं करता, तो उसके प्रवेश को रद्द कर दिया

जायेगा।

नोट : III आपवादिक मामलों में आयोग किसी ऐसे उम्मीदवार को शैक्षणिक दृष्टि से अर्हमान सकता है जिसके पात्र इस नियम में निर्धारित अर्हताओं में से कोई भी अर्हता न हो लेकिन जिसने अन्य संस्थाओं द्वारा ली गयी ऐसी परीक्षाएं पास की हों, जिनके स्तर के बारे में आयोग का यह मत हो कि उनके आधार पर उसे परीक्षा में प्रवेश देना उचित है।

7. उम्मीदवार के लिए आवश्यक होगा कि वह आयोग की सूचना के अनुबंध; I में विविध फीस दे।

8. सरकारी सेवा में स्थायी या अस्थायी हैसियत से काम करने वाले उम्मीदवार के लिए आवश्यक होगा कि वह परीक्षा में बैठने के लिए अपने विभागाधीन से पूर्वानुमति प्राप्त करे।

9. परीक्षा में प्रवेश के लिए कोई उम्मीदवार पात्र है या नहीं, इस सम्बन्ध में आयोग का निर्णय अनित्म होगा।

10. जब तक किसी उम्मीदवार के पास आयोग से प्राप्त प्रवेश प्रमाण-पत्र नहीं होगा तब तक उसे परीक्षा में नहीं बैठने दिया जायेगा।

11. अपनी उम्मीदवारी के लिए किसी उम्मीदवार द्वारा किसी भी साधन से किया गया कोई प्रवास उसे प्रवेश के लिए अनर्ह बना सकता है।

12. यदि आयोग द्वारा कोई उम्मीदवार प्रतिरूपण करने, या जाली दस्तावेज़ पेश करने या दस्तावेजों में काट-चाँट करने, या गलत या झूठे बयान देने, या महत्वपूर्ण सूचना दबा देने, या परीक्षा में प्रवेश पाने के लिए अन्य अनियमित अथवा अनुचित साधनों का सहारा देने, या परीक्षा भवन में गहित साधनों का प्रयोग करने या उनके प्रयोग की चेष्टा करने या परीक्षा भवन में दुर्घटवहार करने या परीक्षा भवन में अनधिकृत कागज, पुस्तक, या नोट आदि उसके कब्जे में होने या उसके लिए सुलभ होने का दोषी हो या अयोग द्वारा दोषी घोषित किया गया हो, तो उस पर आपराधिक अभियोग चलाये जाने के अतिरिक्त निम्नसिखित सज्जा भी दी जा सकती है:—

(क) उसे स्थायी रूप से या विशिष्ट अवधि के लिए:—

- आयोग द्वारा उम्मीदवारों का चयन करने के लिए आयोग की परीक्षा में प्रवेश या साक्षात्कार में उपस्थित होने से;
- केन्द्रीय सरकार द्वारा अपने नियोजन से बारित किया जा सकता है।

(ख) यदि वह पहले से ही सरकारी सेवा में हो, तो उपर्युक्त नियमों के अन्तर्गत उसके विश्व अनुशासन की कार्रवाई की जा सकती है।

उक्त परिणाम में उल्लिखित सीमा के सिवाय फीस की बापसी के किसी दावे को न तो स्वीकार किया जायेगा और न ही फीस को किसी परीक्षा या चयन के लिए आरक्षित रखा जायेगा।

13. जो उम्मीदवार लिखित परीक्षा में, उतने न्यूनतम अर्हक अंक प्राप्त कर लेते हैं, जितने आयोग स्वाविवेक से निर्धारित करे, उन्हें आयोग व्यक्तित्व परीक्षा हतु साक्षात्कार के लिए बुलायेगा।

14. परीक्षा के बाद आयोग हर उम्मीदवार को अन्तिम रूप से दिये गये कुल अंकों के अनुसार योग्यता के आधार पर उम्मीदवारों की एक सूची बनायेगा और उसी क्रम से उन उम्मीदवारों की, जिन्हें आयोग परीक्षा में अहं समझे उन्होंने अनारक्षित रिक्तियों पर नियुक्ति के लिए विभागित की जायेगी जितनी परीक्षा के परिणाम के आधार पर भरने का निर्णय किया गया हो।

परन्तु यदि अनुसूचित जाति या अनुसूचित आदिम जाति का कोई उम्मीदवार, जो यद्यपि आयोग द्वारा निर्धारित स्तर से किसी भी सेवा के लिए अहं न हो, प्रशासन को कार्य कुशलता का यथोचित ध्यान रखते हुए, उसके द्वारा नियुक्ति के लिए उपर्युक्त घोषित किया गया हो, तो उस सेवा में उनको, अनुसूचित जातियों और अनुसूचित आदिम जातियों के सदस्यों के लिए अनारक्षित रिक्तियों, जैसी स्थिति हो, पर नियुक्ति के लिए सिफारिश की जायेगी।

15. प्रत्येक उम्मीदवार को परीक्षाफल किस रूप में और किस ढंग से भेजा जाये, इस बात का निर्णय आयोग स्वाविवेक से करेगा और परिणाम के सम्बन्ध में आयोग उम्मीदवारों से कोई पत्र-व्यवहार नहीं करेगा।

16. परीक्षा में सफल होने से तब तक नियुक्ति का अधिकार नहीं मिल जाता जब तक सरकार आवश्यक जांच-पड़ताल के बाद इस बात से सन्तुष्ट न हो जाये कि उम्मीदवार सरकारी सेवा में नियुक्ति के लिए सर्वथा उपयुक्त है।

17. उम्मीदवार के लिए आवश्यक है कि मानसिक और शारीरिक दृष्टि से पूर्णतया स्वस्थ हो और उसमें कोई ऐसा शारीरिक दोष न हो जिसके कारण सेवा में अधिकारी के नाते उसके कर्तव्य पालन में वाधा पड़ने को सम्भावना हो। जो उम्मीदवार (ऐसी शारीरिक परीक्षा के बाद जैसी कि सरकार या नियुक्ति करने वाला प्राधिकारी, जैसी स्थिति हो, विनिर्दिष्ट करे) इन आवश्यक बातों को पूरा नहीं करता, उसे नियुक्त नहीं किया जायेगा। केवल उन्हीं उम्मीदवारों को डाक्टरी परीक्षा ली जायेगी, जिनको नियुक्ति के बारे में विचार होने की सम्भावना रहती है।

डाक्टरी परीक्षा के समय उम्मीदवारों को सम्बन्धित चिकित्सा मंडल को 16 रुपये फीस देनी होगी।

LOK SABHA SECRETARIAT

New Delhi-1, the 28th October 1968

No. 3/(1)/ECI/68.—The Speaker has been pleased to appoint Shri Shantilal Shah as Chairman of the Committee on Estimates with effect from the 28th October, 1968 vice Shri P. Venkatasubbaiah on tour abroad.

B. B. TEWARI, Dy. Secy.

DEPARTMENT OF SOCIAL WELFARE

New Delhi-1, the 18th October 1968

RESOLUTION

SUBJECT :—Constitution of Committee to review the working of the Social Welfare and Rehabilitation Directorate and its ancillary organisations.

No. 19-12/68-SW-4.—It has been decided that the Committee set up under this Department resolution of even number dated 2nd May, 1968 to review the working of the Social Welfare and Rehabilitation Directorate and its ancillary organisations should submit its report by the 15th

November :—उम्मीदवारों को किसी प्रकार को निराशा न हो, इसके लिए उन्हें सलाह दी जाती है कि परीक्षा में प्रवेश के लिए आवेदन करने से पहले सिविल सर्जन के स्तर के किसी चिकित्सा अधिकारी से अपनी परीक्षा करा लें। नियुक्ति से पहले उम्मीदवारों को किस प्रकार की डाक्टरी परीक्षा होगी और उनमें उनसे किस स्तर की अपेक्षा को जायेगी। इस का व्योरा परिशिष्ट II में दिया गया है। अपाहिज भू-पूर्व सैनिक कर्मचारियों के सम्बन्ध में प्रत्येक सेवा की आवश्यकताओं को ध्यान में रखते हुए, इन स्तरों में छूट दी जायेगी।

18. (i) कोई भी पुरुष उम्मीदवार जिसकी एक से अधिक पत्तियां जीवित हो, या जो एक भार्या के जीवित रहते हुए विवाह करता है जो उस भार्या के जीवन-काल में सम्पन्न होने के कारण शून्य हो, ऐसी किसी सेवा में, जिसमें इस प्रतियोगिता परीक्षा के परिणामों के आधार पर नियुक्तियां की जाती हैं, नियुक्ति के लिए तब तक पाल नहीं होगा जब तक कि भारत सरकार इस बात से सन्तुष्ट होकर कि उनके ऐसा करने के विशेष कारण हैं, उस पुरुष उम्मीदवार को, इन नियम के प्रवर्तन से छूट न दें।

(ii) कोई भी महिला उम्मीदवार जिसका विवाह इस कारण शून्य हो कि विवाह के समय परि को एक पत्नी जीवित हो या जिसने ऐसे व्यक्ति से विवाह किया हो जिसकी एक पत्नी ऐसे विवाह के समय जीवित हो, ऐसे किसी सेवा में, जिसमें इन प्रतियोगिता परीक्षा के परिणामों के आधार पर नियुक्तियां की जाती हैं, नियुक्ति के लिए तब पाल नहीं होगा जब तक कि भारत सरकार इस बात से सन्तुष्ट होकर कि उनके ऐसा करने के विशेष कारण हैं, उस महिला उम्मीदवार को इन नियम के प्रवर्तन से छूट न दें।

19. इस परीक्षा के माध्यम से चयन किये गये विशेष श्रेणी अप्रेनिट्सों के लिए अप्रेनिट्सी की शर्तें परिशिष्ट III में दी गयी हैं। यांत्रिक इंजीनियरों की भारतीय रेल सेवा से सम्बन्धित संक्षिप्त विवरण भी परिशिष्ट IV में दिये गये हैं।

सी० एस० परमेश्वरन्, सचिव,
रेलवे बोर्ड

November, 1968, instead of the 2nd October, 1968, as decided earlier *vide* this Department's resolution of even number dated 10th September, 1968.

ORDER

ORDERED that a copy of this Resolution be communicated to :—

1. All Ministries/Departments of the Government of India.
2. Members of the Committee.
3. Planning Commission, Prime Minister's Secretariat, Cabinet Secretariat, Private and Military Secretaries to the President.
4. The Director, Social Welfare and Rehabilitation Directorate, Jamnagar House Hutsments, New Delhi.

ORDERED also that a copy of this Resolution be published in the Gazette of India for general information.

KAILASH CHANDRA, Commissioner for Social Welfare

MINISTRY OF FINANCE
(Department of Economic Affairs)

New Delhi, the 25th October 1968

No. 34(2)-NS/68.—The Premium Prize Bonds, 1964 which were issued from the 1st January to 31st December 1964 in terms of Government of India, Ministry of Finance notification No. 34(1)-NS/63 dated the 16th December, 1963 will fall due for repayment together with Premium after five years from the date of sale indicated on the Bonds at the following rates in terms of the said notification :—

Denomination and Redemption value

Rs. 5—Rs. 5.50 for every Bond of Rs. 5 denomination.
 Rs. 100—Rs. 110.00 for every Bond of Rs. 100 denomination.

Accordingly, repayment of the Premium Prize Bonds, 1964 will start from the 1st January, 1969. If the due date of payment is a holiday, the payment of the redemption value will be made on the preceding working day. The following offices are authorised to receive and arrange for the repayment of the Prize Bonds namely :—

- (i) Offices of the Reserve Bank of India at Bombay (Fort and Byculla), Calcutta, New Delhi, Madras, Bangalore, Nagpur and Kanpur;
- (ii) Branches of the State Bank of India and its subsidiary Banks conducting Government treasury work;
- (iii) Head Post Offices;
- (iv) Departmental Sub-Post Offices; and
- (v) Non-banking Treasuries and Sub-Treasuries.

2. (i) The Offices of the Reserve Bank of India and branches of the State Bank of India and its Subsidiary Banks conducting Government treasury work, will accept and repay all Prize Bonds irrespective of the office of issue.

(ii) Post Offices will accept and repay all the Bonds irrespective of the office of issue.

(iii) A non-Banking Treasury/Sub-Treasury will accept and repay only the Prize Bonds issued by it.

(iv) Sub-Treasuries Androth, Minicoy, Ameni and Kavarathy situated in Laccadive, Minicoy and Amindivi Islands are authorised to repay all Bonds irrespective of the office of issue.

A. R. SHIRALI, Jt. Secy.

New Delhi, the 26th October 1968

No. F. 1(3)-NS/68.—In pursuance of paragraphs 1 and 8 of the Agreement referred to in paragraph 6 of the Authorised Agents (Bank) Scheme, the Central Government hereby notifies :—

(1) that with effect from 1st November, 1968, every Agent appointed under that Scheme shall be eligible to canvass for and secure investments in fixed deposits which are accepted under the Government Savings Certificates (Fixed Deposits) Rules, 1968 notified in the Ministry of Finance Notification No. G.S.R. 745 dated 17th April, 1968 and

(2) that the Agent shall be entitled to commission at the rate of 1.25 per cent of the fixed deposits secured by him.

No. F. 8(18) NS/68.—Shri P. R. Chakraverti, 13/23 Western Extension Area, New Delhi-5 is appointed member of the National Savings Central Advisory Board as reconstituted in the Government of India, Ministry of Finance Resolution No. F. 8(18)NS/68 dated the 6th September, 1968.

V. S. RAJAGOPALAN, Under Secy.

MINISTRY OF COMMERCE

New Delhi, the 24th October 1968

RESOLUTION

No. 28(63)-Plant(A)/66.—In modification of the Ministry of Commerce Resolution No. 28(63)-Plant(A)/66 dated the 10th September, 1968 published in the Gazette of India regarding the appointment of the Committee under the Chairmanship of Shri P. C. Borooah to undertake a comprehensive

study of the economic conditions and problems of the tea industry, Government of India have decided to extend the term of the Committee upto the 30th November, 1968.

ORDER

ORDERED that the Resolution be published in the Gazette of India.

B. KRISHNAMURTHY, Under Secy.

**MINISTRY OF FOOD, AGRICULTURE,
 COMMUNITY DEVELOPMENT & COOPERATION**

(Department of Agriculture)

New Delhi, the 25th October 1968

RESOLUTION

No. 6-15/67-Econ.Py.—The Government of India have decided to reconstitute the Panel of Farmers set up in their Resolution No. 6-26/65-Econ.Py dated the 5th July, 1966 to advise the Agricultural Prices Commission.

The membership of the Panel will be as under :

1. Shri S. S. Deshmukh,
 Member, Lok Sabha,
 Advocate, Hangoli, District Parbhani.
2. Shri Kumbha Ram Arya,
 Member, Rajya Sabha,
 Durgapura, Jaipur.
3. Shri V. Chiranjivi, B.Sc. (Ag.),
 Ankapalli Taluk,
 Visakhapatnam District (Andhra Pradesh).
4. Shri Manir Uddin Laskar,
 Village Borbauri,
 P.O. Dakhin Mcherpur,
 Cachar District (Assam).
5. Shri Bindeshwari Prasad Singh,
 Village Khaspur,
 P.O. Sadisopur,
 Patna District (Bihar).
6. Shri Fulabhai Zavarbhai Patel,
 Dakor,
 Distr. Kaira (Gujarat State).
7. Shri Puran Lal Batra,
 S/o Shri Balram Dass Batra,
 48, Model Town, Rohtak (Haryana).
8. Shri R. P. Swamiappa Gounder,
 "Murugan Arul" Bhavanam,
 Ramavarmapuram Pudur,
 Kozhinchampara P.O. (Kerala State).
9. Shri Sawar Bahadur Singh,
 Sirman Chaurata,
 Rewa (Madhya Pradesh).
10. Thiru G. Ramachandran,
 24 Ganapathy Nagar, Mayuram,
 Tenjore District (Madras).
11. Shri Manikrao S. Anvikar,
 Post Anvi, Shillod Taluka,
 Aurangabad District (Maharashtra State).
12. Shri Venkate Gowda,
 P.O. Avati, Devanahalli Taluk,
 Bangalore Distt. (Mysore State).
13. Shri Radhanath Rath, M.L.A.,
 Gopabandhu Bhavan, Cuttack-1.
14. Brigadier B. S. Bajwa,
 C/o Post Box No. 15,
 Batala, Distt. Gurdaspur (Punjab).
15. Shri Chandl Dan Detha,
 Village & Post Office Barunda,
 Panchayat Samiti,
 Bilara, Distt. Jodhpur (Rajasthan).
16. Shri Daya Shankar Verma,
 Village Kakhera,
 P.O. Singnapur (Leharpur),
 Distt. Sitapur (U.P.).

17. Shri Uma Sankar Halder,
Village & Post Office Puinan,
Hooghly District (West Bengal).

Term :

The term of the reconstituted Panel will be for a period of one year in the first instance.

Rules of procedure :

The Panel will meet as often as necessary and will consider and advise on matters referred to it by the Agricultural Prices Commission.

ORDER

ORDERED that a copy of the Resolution be communicated to all Ministries and Departments of the Government of India, the State and Union Territory Governments, Planning Commission, Prime Minister's Secretariat, President's Secretariat, Lok Sabha Secretariat, Rajya Sabha Secretariat, Comptroller and Auditor General of India, all members of the Panel of Economists, Panel of Agricultural Scientists, Panel of Experts on Agricultural Administration and all attached and subordinate offices of the Ministry of Food, Agriculture, Community, Development and Cooperation (Departments of Food and Agriculture).

ORDERED also that the Resolution be published in the Gazette of India for general information.

J. C. MATHUR, Addl. Secy.

New Delhi-1, the 28th October 1968

RESOLUTION

No. 5-11/67-Crops Admn.II.—The Government of India have decided to transfer the administrative control of the Central Nucleus Jute Seed Multiplication Farm, Panagarh (Bud Bud) and the Museum attached to the Regional Office, Jute Development, Calcutta to the Indian Council of Agricultural Research Society with effect from the date shown against each.—

(i) Central Nucleus Jute Seed Multiplication Farm, Panagarh (Bud Bud).	12th January, 1968
(ii) Museum attached to the Regional Office, Jute Development, Calcutta.	1st August, 1968

2. Government of India have also decided to transfer all movable property, assets including claims and actionable claims and debts and liabilities of the Farm and the Museum mentioned in para 1 above to the Indian Council of Agricultural Research by a formal deed or deeds of transfer to be executed. The nature and form of the deeds would be determined as soon as possible. The title of immovable property of the Nucleus Jute Seed Multiplication Farm, Panagarh (Bud Bud) will remain with the Government of India until further orders.

3. The Government of India will give requisite annual grants-in-aid to the Indian Council of Agricultural Research for financing the activities of the Nucleus Jute Seed Multiplication Farm, Panagarh (Bud Bud) mentioned in paragraph I above.

ORDER

ORDERED that a copy of the Resolution be communicated to all State Governments, Administrations of Union Territories and Ministries of the Government of India, Planning Commission, Cabinet Secretariat, Prime Minister's Secretariat, Lok Sabha Secretariat and Rajya Sabha Secretariat.

2. ORDERED also that the Resolution be published in the Gazette of India for general information.

S. J. MAJUMDAR, Addl. Secy.

MINISTRY OF EDUCATION

New Delhi, the 24th October 1968

No. F.5(3)/67-SRI.—Under the provisions of Article 89(iii) of the Articles of Association of the National Research Development Corporation of India, the President is

pleased to appoint Shri M. S. Nadkarni, Joint Secretary to the Government of India, Ministry of Finance, as a Director of the Corporation vice Shri M. S. Sundara.

H. K. L. CHADDHA, Under Secy.

(Cultural Activities I Division)**(CAI-5 Section)**

New Delhi, the 26th October 1968

RESOLUTION

No. F. 3-53/68-CAI(5).—The Government of India have decided to set up a Committee to review the working of the Central Museums, namely, the National Museum, New Delhi, the Salar Jung Museum, Hyderabad, and the Indian Museum, Calcutta, and the existing arrangements for the security of art objects in the museums as well as in the protected archaeological monuments and sites.

2. The Committee will consist of the following :—

Chairman

(i) Dr. M. S. Randhawa,
Chief Commissioner,
Chandigarh.

Members

(ii) Prof. Nurul Hasan, M.P.,
Aligarh Muslim University,
Aligarh.
(iii) Dr. D. P. Ghosh,
Ashutosh Museum,
Calcutta.
(iv) Dr. Moti Chandra,
Prince of Wales Museum,
Bombay.
(v) Dr. S. T. Satyamurti,
State Museum,
Madras.

Member-Secretary

(vi) Shri B. B. Lal,
Director-General,
Archaeological Survey of India,
New Delhi.

3. The following will be the terms of reference of the Committee :—

(i) to review the working of the three Central Museums and to make recommendations for their improved functioning and in particular to suggest measures for improving the security arrangements in the museums; and
(ii) to review the existing security arrangements of the protected archaeological monuments and sites and to recommend measures for strengthening them.

ORDER

ORDERED that the Resolution be published in the Gazette of India for general information.

ORDERED also that a copy of the Resolution be communicated to the Ministries and Departments of the Government of India, State Governments and all concerned.

G. K. CHANDIRAMANI, Secy.

DEPARTMENT OF COMMUNICATIONS**RULES**

New Delhi, the 9th November 1968

No. 4-E(23)/67.—The rules for a competitive examination to be held by the Union Public Service Commission in April, 1969 for the purpose of filling vacancies in the following posts are, with the concurrence of the Ministries/Departments concerned, published for general information.

1. Engineer (Class I) in the Wireless Planning and Co-ordination Wing/Monitoring Organisation, Department of Communications.

2. Assistant Station Engineer (Class I) in the All India Radio, Ministry of Information and Broadcasting.
3. Assistant Technical Officer in the Civil Aviation Department, Ministry of Tourism and Civil Aviation.
2. The number of vacancies to be filled on the results of the examination will be specified in the Notice issued by the Commission. Reservations will be made for candidates belonging to the Scheduled Castes and the Scheduled Tribes in respect of vacancies as may be fixed by the Government.

Scheduled Castes/Tribes mean any of the Castes/Tribes mentioned in the Scheduled Castes/Tribes Lists (Modification) Order, 1956, read with Scheduled Castes and Scheduled Tribes Orders (Amendment) Act, 1956, the Constitution (Jammu and Kashmir) Scheduled Castes Order, 1956, the Constitution (Andaman and Nicobar Islands) Scheduled Tribes Order, 1959, the Constitution (Dadra and Nagar Haveli) Scheduled Castes Order, 1962, the Constitution (Dadra and Nagar Haveli) Scheduled Tribes Order, 1962, the Constitution (Pondicherry) Scheduled Castes Order, 1964 and the Constitution (Scheduled Tribes) (Uttar Pradesh) Order, 1967.

3. The examination will be conducted by the Union Public Service Commission in the manner prescribed in Appendix I to these Rules.

The dates on which and the places at which the examination will be held shall be fixed by the Commission.

4. A candidate must be either :—

- (a) a citizen of India, or
- (b) a subject of Sikkim, or
- (c) a subject of Nepal, or
- (d) a subject of Bhutan, or
- (e) a Tibetan refugee who came over to India, before 1st January, 1962, with the intention of permanently settling in India, or
- (f) a person of Indian origin who has migrated from Pakistan, Burma, Ceylon and East African countries of Kenya, Uganda and the United Republic of Tanzania (formerly Tanganyika and Zanzibar) with the intention of permanently settling in India;

Provided that a candidate belonging to categories (c), (d), (e) and (f) above shall be a person in whose favour a certificate of eligibility has been issued by the Government of India.

Certificate of eligibility will not, however, be necessary in the case of candidates belonging to any one of the following categories :—

- (i) Persons who migrated to India from Pakistan before the nineteenth day of July, 1948, and have ordinarily been residing in India since then.
- (ii) Persons who migrated to India from Pakistan on or after the nineteenth day of July, 1948, and have got themselves registered as citizens of India under Article 6 of the Constitution.
- (iii) Non-citizens in category (f) above who entered service under the Government of India before the commencement of the Constitution, viz., 26th January, 1950, and who have continued in such service since then without a break. Any such person who re-entered or may re-enter such service with break after the 26th January, 1950, will, however, require certificate of eligibility in the usual way.

A candidate in whose case a certificate of eligibility is necessary may be admitted to the examination and he may also be provisionally appointed subject to the necessary certificates being given to him by the Government.

5. (a) A candidate for this examination must have attained the age of 20 years and must not have attained the age of 25 years on the 1st August, 1969, i.e., he must have been born not earlier than 2nd August, 1944 and not later than 1st August, 1949.

(b) The upper age limit prescribed above will be relaxable by five years in the case of the Government servants of

the following categories, if they are applying for vacancies in their respective departments—

- (i) A candidate who holds substantively a permanent post in the particular department. This relaxation will not be admissible to a probationer appointed against a permanent post in the department during the period of his probation.
- (ii) A candidate who has already completed or will complete on or before the 1st August, 1969, at least three years continuous service in the particular department.

Provided that no candidate shall be permitted under the relaxation of the upper age limit mentioned at (b) above, to compete more than three times at the examination.

(c) The upper age-limit prescribed above will be further relaxable :—

- (i) Up to a maximum of five years, if a candidate belongs to a Scheduled Caste or a Scheduled Tribe;
- (ii) Up to a maximum of three years, if a candidate is a bona fide displaced person from East Pakistan and has migrated to India on or after 1st January 1964;
- (iii) Up to a maximum of eight years, if a candidate belongs to a Scheduled Caste or a Scheduled Tribe and is also a bona fide displaced person from East Pakistan and has migrated to India on or after 1st January 1964;
- (iv) Up to a maximum of three years if a candidate is a resident of the Union Territory of Pondicherry and has received education through the medium of French at some stage;
- (v) Up to a maximum of three years if a candidate is a bona fide repatriate of Indian origin from Ceylon and has migrated to India on or after 1st November, 1964, under the Indo-Ceylon Agreement of October 1964;
- (vi) Up to a maximum of eight years if a candidate belongs to a Scheduled Caste or a Scheduled Tribe and is also a bona fide repatriate of Indian origin from Ceylon and has migrated to India on or after 1st November, 1964, under the Indo-Ceylon Agreement of October, 1964;
- (vii) Up to a maximum of three years if a candidate is of Indian origin and has migrated from Kenya, Uganda or the United Republic of Tanzania (formerly Tanganyika and Zanzibar);
- (viii) Up to a maximum of three years if a candidate is a bona fide repatriate of Indian origin from Burma and has migrated to India on or after 1st June, 1963;
- (ix) Up to a maximum of eight years if a candidate belongs to a Scheduled Caste or a Scheduled Tribe and is also a bona fide repatriate of Indian origin from Burma and has migrated to India on or after 1st June, 1963;
- (x) upto a maximum of three years in the case of Defence Services personnel disabled in operations during hostilities with any foreign country or in a disturbed area, and released as a consequence thereof. This concession will not, however, be admissible to a candidate who has already appeared at five previous examinations;
- (xi) upto a maximum of eight years in the case of Defence Services personnel, disabled in operations during hostilities with any foreign country or in a disturbed area, and released as a consequences thereof, who belongs to the Scheduled Castes or the Scheduled Tribes. This concession will not, however, be admissible to a candidate who has already appeared at ten previous examinations; and
- (xii) Up to a maximum of three years, if a candidate is a resident of the Union Territory of Goa, Daman and Diu.

N.B. (i) For the purposes of this Rule, a candidate shall be deemed to have competed at the examination once for all the posts ordinarily covered by the examination, if he competes for any one or more of the posts.

A candidate shall be deemed to have competed at the examination, if he actually appears in any one or more subjects.

(ii) The candidature of a person who is admitted to the examination under the age concession mentioned at (b) above is liable to be cancelled, if, after submitting his application, he resigns from Service, or his services are terminated by his department, either before or after taking the examination. He will, however, continue to be eligible, if he is retrenched from the Service or post after submitting his application.

A candidate who, after submitting his application to his department, is transferred to other department/office will be eligible to compete under departmental age concession for the post, provided his application has been forwarded by his parent department.

**SAVE AS PROVIDED ABOVE THE AGE LIMITS
PRESCRIBED CAN IN NO CASE BE RELAXED.**

6. A candidate must have—

- (a) obtained a degree in Engineering from a University incorporated by an Act of the Central or State Legislature in India, or other educational Institutes established by an Act of Parliament, or declared to be deemed as Universities under Section 3 of the University Grants Commission Act, 1956; or
- (b) passed Sections A and B of the Associate Membership Examination of the Institution of Engineers (India); or
- (c) obtained a degree/diploma in Engineering, from such foreign Universities/Colleges/Institutions and under such conditions as may be recognised by the Government for the purpose from time to time; or
- (d) passed the Graduate Membership Examination of the Institution of Tele-communication Engineers (India); or
- (e) M.Sc. degree or its equivalent, with Wireless Communication, Electronics, Radio Physics or Radio Engineering as special subject; or
- (f) passed the Graduate Membership Examination of the Institution of Electronics and Radio Engineers, London, held after November, 1959.

The Graduate Membership Examination of the Institution of Electronics and Radio Engineers, London, held prior to November, 1959, is also acceptable, subject to the following conditions :—

- (1) that the candidates who have passed the examination held prior to November, 1959, should have appeared and passed in the following additional subjects;
 - (i) Principles and Applications of Electrical Engineering (in accordance with the syllabus prescribed in Section A of Post-1959 Scheme);
 - (ii) Mathematics II (in accordance with the syllabus prescribed in Section B of Post-1959 Scheme);
- (2) that the candidates concerned should produce a certificate from the Institution of Electronics and Radio Engineers, London, in fulfilment of the condition prescribed at (1) above.

NOTE 1.—In exceptional cases, the Commission may treat a candidate, who has not any of the qualifications prescribed in this rule, as educationally qualified, provided that he has passed examinations conducted by other institutions, the standard of which in the opinion of the Commission, justifies his admission to the examination.

NOTE 2.—A candidate who has appeared at an examination the passing of which would render him eligible to appear at this examination, but has not been informed of the result may apply for admission to the examination. A candidate who intends to appear at such a qualifying examination may also apply, provided that the qualifying examination is completed before the commencement of this examination. Such candidates will be admitted to the examination, if otherwise eligible, but the admission to the examination would be deemed to be provisional and subject to cancellation if they do not produce proof of having passed the examination, as soon

as possible, and in any case not later than two months after the commencement of this examination.

NOTE 3.—A candidate who is otherwise qualified but who has taken a degree from a foreign University which is not recognised by Government, may also apply to the Commission and may be admitted to the examination at the discretion of the Commission.

7. Candidates must pay the fee prescribed in Annexure I to the Commission's Notice.

8. A candidate already in Government Service, whether in a permanent or a temporary capacity, must obtain prior permission of the Head of the Department to appear for the Examination.

9. The decision of the Commission as to the eligibility or otherwise of a candidate for admission to the examination shall be final.

10. No candidate will be admitted to the examination unless he holds a certificate of admission from the Commission.

11. Any attempt on the part of a candidate to obtain support for his candidature by any means may disqualify him for admission.

12. A candidate who is or has been declared by the Commission guilty of impersonation or of submitting fabricated documents or documents which have been tampered with or of making statements which are incorrect or false or of suppressing material information or otherwise reporting to any other irregular or improper means for obtaining admission to the examination, or of using or attempting to use unfair means in the examination hall or of misbehaviour in the examination hall, or of being found to have in his possession or accessible to him unauthorised papers, books, or notes, etc. in the examination hall, may, in addition to rendering himself liable to criminal prosecution,—

(a) be debarred permanently or for a specified period :—

- (i) by the Commission, from admission to any examination or appearance at any interview held by the Commission for selection of candidates; and
- (ii) by the Central Government from employment under them;

(b) be liable to disciplinary action under the appropriate rules, if he is already in service under Government.

13. Candidates who obtain such minimum qualifying marks in the written examination as may be fixed by the Commission in their discretion shall be summoned by them for an interview for a personality test.

14. After the examination, the candidates will be arranged by the Commission in the order of merit as disclosed by the aggregate marks finally awarded to each candidate and in that order so many candidates as are found by the Commission to be qualified by the examination shall be recommended for appointment up to the number of unreserved vacancies decided to be filled on the results of the examination.

Provided that any candidate belonging to the Scheduled Castes or the Scheduled Tribes, who though not qualified by the standard prescribed by the Commission for any post, is declared by them to be suitable for appointment thereto with due regard to the maintenance of efficiency of administration shall be recommended for appointment to vacancies reserved for members of the Scheduled Castes and the Scheduled Tribes, as the case may be, in that post.

15. The form and manner of communication of the result of the examination to individual candidates shall be decided by the Commission in their discretion and the Commission will not enter into correspondence with them regarding the result.

16. Due consideration will be given to the preferences expressed by a candidate at the time of his application, but the Government of India reserve the right to assign him to any post for which he is a candidate.

17. Success in the examination confers no right to appointment, unless Government are satisfied after such enquiry as may be considered necessary, that the candidate is suitable in all respects for appointment to the public service.

18. A candidate must be in good mental and bodily health and free from any physical defect likely to interfere with the discharge of his duties as an officer of the service. A candidate who after such physical examination as Government or the appointing authority, as the case may be, may prescribe is found not to satisfy those requirements will not be appointed. Only such candidates as are likely to be considered for appointment will be physically examined. Such candidates will have to pay a fee of Rs. 16.00 to the Medical Board concerned at the time of the Medical examination.

In order to prevent disappointment candidates are advised to have themselves examined by Government Medical Officer of the standing of a Civil Surgeon before applying for admission to the examination. Particulars of the nature of the medical test to which candidates will be subjected before appointment to Gazetted posts and of the standards required are given in Appendix II. For the disabled ex-Defence Services personnel, the standards will be relaxed consistent with the requirements of each post.

19. (a) No male candidate who has more than one wife living or who having a spouse living, marries in any case in which such marriage is void by reason of its taking place during the life time of such spouse, shall be eligible for appointment to any of the posts, appointments to which are made on the results of this competitive examination, unless the Government of India, after being satisfied that there are special grounds for doing so, exempt any male candidate from the operation of this rule.

(b) No female candidate whose marriage is void by reason of the husband having a wife living at the time of such marriage or who has married a person who has a wife living at the time of such marriage shall be eligible for appointment to any of the posts, appointments to which are made on the results of this competitive examination unless the Government of India, after being satisfied that there are special grounds for doing so, exempt any female candidate from the operation of this rule.

20. Brief particulars relating to the posts to which recruitment is being made through this examination are stated in Appendix III.

S. C. JAIN. Under Secy.

APPENDIX I

1. The examination shall be conducted according to the following plan :—

Part I—Compulsory and optional papers as shown below. The standard and syllabi prescribed for these papers are given in the Schedule to this Appendix.

Part II—Personality Test carrying a maximum of 200 marks for such candidates as may be called by the Commission. (Please see para 6 below.)

2. The following will be the subject for the written examination :—

Subject	Duration	Maximum Marks
(1)	(2)	(3)
A. Compulsory		
(1) English Essay . .	1½	50
(2) General English . .	1½	50
(3) General Knowledge & Current Affairs . .	1½	50
(4) History of Science . .	1½	50
(5) Radio Physics . .	3	100
(6) Electronic Components and Materials . .	3	100
(7) Applied Electronic Circuits . .	3	100

	(1)	(2)	(3)
(8) Electrical and Mechanical Engineering . .	3	100 (60 marks for electrical Engineering and 40 marks for Mechanical Engineering).	
B. Optional : Any two of the following Subjects :—			
(1) Principles of Acoustics . .	3	100	
(2) Transmission Lines and Net Works . .	3	100	
(3) Antenna and Wave Propagation . .	3	100	
(4) Mathematics . .	3	100	
(5) Radar and Micro-Waves Engineering including Radio Aids to Navigation . .	3	100	
(6) Broadcasting and Television Systems . .	3	100	

3. All papers must be answered in English.

4. Candidates must write the papers in their own hand. In no circumstances will they be allowed the help of a scribe to write answers for them.

5. The Commission have discretion to fix qualifying marks in any or all the subjects of the examination.

6. Special attention will be paid in the Personality Test to assessing the candidates' capacity for leadership, initiative and curiosity, tact and other social qualities, mental and physical energy, powers of practical application and integrity of character.

7. Marks will not be allotted for mere superficial knowledge.

8. Deduction up to 5 per cent. of the maximum marks for the written subjects will be made for illegible handwriting.

9. Credit will be given for orderly, effective and exact expression combined with due economy of words in all subjects of the examination.

Schedule to Appendix I

Standard and syllabus

The standard of papers in English Essay, General English, General Knowledge and Current Affairs, and History of Science will be such as may be expected of an Engineering/Science graduate. There will be no practical examination in any of the subjects.

The papers in Radio Physics, Electronic Components and Materials, Applied Electronic Circuits and Electrical and Mechanical Engineering will be of the degree standard for Engineering of Indian Universities and questions will be framed to test the candidates' grasp of fundamentals in each subject.

The standard of optional papers will require detailed knowledge as applicable to Engineering problems.

(1) *English Essay*.—An essay to be written in English on one of several subjects.

(2) *General English*.—Questions to test the candidates' understanding of and power to write English. Passages will usually be set for summary or precis.

(3) *General Knowledge and Current Affairs*.—The paper will include questions to test knowledge of current events and of matters of every day observation and experience. The paper will also include questions on History of India and Geography.

(4) *History of Science*.—History of the evolution and growth of science. Great scientists and their contribution to science.

(5) *Radio Physics*.—Magnetism; Definitions and units; Magnetic induction; hysteresis; magnetic circuits.

Electricity: Units; di-electrics; charges; alternating and direct current circuits; circuits containing resistance; inductance and capacitance; resonance; effects of Q on selectivity; current, voltage and power relations.

Tuned and untuned amplifiers; oscillators; frequency stability; frequency multipliers and harmonic generators; modulators.

Principles of reception, diversity reception; a superheterodyne receivers.

Radio telegraph, radio telephone communication and broadcasting systems; wave-length and power considerations; signal to noise ratio requirements; principles of wave propagation and transmission. Aerials, feeders and matching devices.

Principles of amplitude modulation, frequency modulation and phase modulation and their application in communication systems.

Speech and hearings—articulation; basic principles of acoustics.

(6) *Electronic Components and Materials*.—Resistors, capacitors, inductors and transformers—their characteristics, performance and applications.

Electronic tubes including special purpose tubes—their performance and typical applications.

Semi-conductors devices; principles of rectifiers and transistors photo-sensitive devices.

Piezo-Electric materials.

Insulating and material wires; printed circuits.

Magnetic materials; permanent magnets, soft magnetic materials.

Relays.

(7) *Applied Electronic Circuits*.—Circuit principles involved in the following :—

Vacuum tube amplifiers, typical circuits for different applications; feed back; broadband amplifiers; D.C. amplifiers.

Transistor amplifiers, typical circuits; design for temperature stabilisation.

Low and high frequency oscillators. Conventional circuits, relaxation oscillators; frequency multipliers and dividers; frequency stabilization.

Pulse and sweep circuits, counting circuits.

Modulators and detectors; typical circuits for amplitude, frequency and phase modulation.

Power supply systems for electronic equipments—rectifiers, filters, voltage regulated power supplies.

Industrial electronic circuits for induction heating, welding and speed control of electric meters.

Typical circuits used in television receivers.

(8) *Electrical and Mechanical Engineering*.

(a) *Electrical Engineering*.—D.C. motors and generators—their characteristics and general features; motor starters.

Primary and secondary cells.

A.C. circuits; power factors; transformers, alternators, synchronous and induction motors; starting devices.

Rectifiers and rotary convertors.

Electrical instruments and measurements—measurement of voltage, current and power in D.C. and A.C. circuits; different types of instruments and their characteristics. Typical bridges.

(b) *Mechanical Engineering*.—Properties and strength of materials—stress and strains in tension, compression and shear; Hooke's Law; elastic constants; bending moments and shear forces in beams.

Internal combustion engines—major component units and principles of working.

Simple machine tools and their uses.

Transmission of power—belt and gear drive; direct couplings; bearings.

Laws of friction, lubricants and lubricating systems.

Ferrous and non-ferrous materials—their properties.

(9) *Principles of Acoustics*.

Sound : wave equation; vibrating systems; sound transmission; electro-mechanical-acoustical circuits and filters.

Room acoustics; sound absorption and insulation; reverberation; design of broadcasting studios.

Transducers : microphones, loudspeakers, design characteristics, measurement and calibration.

Noise control; sound insulation; measurements.

Hearing and speech; psycho-acoustic criteria, audio-metric measurements. High fidelity systems. Disc, magnetic and film recording, and play back systems.

(10) *Transmission Lines and Networks*.

Two terminal networks : Combinations of R.L.C.; Impedance of a transformer-equivalent networks; Analysis and Synthesis of two terminal networks.

Four terminal networks : Linear parameters—image and iterative parameters; Terminations; Loss factors; Insertion losses. Tandem connections reflection and interaction losses. Attenuating pads of the T and H types—Lattice and bridged T. networks. Constant resistance recurrence networks—equalisers.

Wave filters; Conditions for pass and attenuation bands. Principles of filter design based on image parameters. Constant K and M derived filter sections. Low pass, high pass and band pass filters (of 3, 4, 5 and 6 elements types), Composite and complementary filters. Paralleling of filters. Effects of dissipation and termination. Frequency and impedance normalisation. Transformations of designs from low pass to high pass and band pass filters. Elementary principles in the design of electric wave filters.

Properties of electrical line : Quantitative values of R.L.C. of electrical lines. Transmission line equations—attenuation and phase shift. Reflections in transmission lines; equations for a line with any termination. Reflection losses and reflection factor. Standing waves. Impedance of lines with total and partial reflection—circle diagram.

Low frequency transmission lines : characteristics; Distortion for telegraph and telephone working—loading.

High frequency transmission lines : Characteristics—open wire and concentric feeders; Transmission lines as impedance element; Resonant lines—Matching of H.F. lines.

(11) *Antenna and Wave Propagation*.

Electro-magnetic equation, radiation of electromagnetic waves, field intensity.

Radiation patterns; directive systems; gain of antennas, practical design of directive antennas for long, medium, short wave and very high frequency. Receiving antenna systems. Antennas for direction findings.

Radio frequency transmission lines, coupling networks, matching of transmission lines, practical design of feeder lines and switching systems.

Propagation—ground, tropospheric and ionospheric atmospherics and noise.

Measurements of field strength.

(12) *Mathematics*.

Fundamental Concepts.

Functions—Average Rates—Limits.

Basic Operations.

Derivatives—Differentials—Higher Derivatives. Maxima and Minima—Integrals—Definite Integrals.

Further Operations.

Integration Techniques—Double Integrals.

Infinite Series.

Definitions—The Geometric Series—Convergent and Divergent Series—General Theorems—The Comparison Test—Cauchy's Integral Test—Cauchy's Ratio Test—Alternating Series—Absolute Convergence—Power Series—Theorems Regarding Power Series—Series of Functions and Uniform Convergence—Integration and Differentiation of Series—Taylor's Series—Symbolic form of Taylor's Series—Evaluation of Integrals by Means of Power Series—Approximate Formulas derived from MacLaurin's Series—Use of Series for the Computation of Functions—Evaluation of a Function taking on an Indeterminate Form.

Complex Numbers.

Introduction—Complex Numbers—Rules for the Manipulation of Complex numbers—Graphical Representation and Trigonometric Form—Powers and Roots—Exponential and Trigonometric Functions—The Hyperbolic Functions—The Logarithmic Function—The Inverse Hyperbolic and Trigonometric Functions.

*Mathematical Representation of Periodic Phenomena.**Fourier Series, and the Fourier Integral.*

Introduction—Simple Harmonic Vibrations—Representation of More Complicated Periodic Phenomena, Fourier Series—Examples of Fourier Expansions of Functions—Some Remarks about Convergence of Fourier Series—Effective Values and the Average of a Product—Modulated Vibrations and Beats—The Propagation of Periodic Disturbances in the Form of Waves—The Fourier Integral.

Linear Algebraic Equations. Determinants and Matrices.

Simple Determinants—Fundamental Definitions—The Laplace Expansion—Fundamental Properties of Determinants—The Evaluation of Numerical Determinants—Definition of a Matrix—Special Matrices—equality of Matrices, Addition and subtraction—Multiplication of Matrices—Matrix Division, the Inverse Matrix—The Reversal Law in Transposed and Reciprocated Products—Properties of Diagonal and Unit Matrices—Matrices Partitioned into Submatrices—Matrices of Special Types—The Solution of n Linear Equations in n Unknowns.

Linear Differential Equations with Constant Coefficients.

The Reduced Equation, the Complementary Function—Properties of the Operator $\ln.(D)$ —The Method of Undetermined Coefficients—The Simple Direct Laplace—Transform or Operational Method of Solving Linear Differential Equations with Constant Coefficients—The Direct Computation of Transforms—Systems of Linear Differential Equations with constant Coefficients.

*Laplace Transforms of Use in the solution of Differential Equations.**Notation—Basic Theorems.**Oscillations of Linear Lumped Electrical Circuits.*

Electrical—Circuit Principles—Energy Considerations—Analysis of General Series Circuit—Discharge and charge of a capacitor—Circuit with Mutual Inductance—Circuits coupled by a Capacitor—The Effect of Finite Potential Pulses—Analysis of the General Net Work—The Steady-state Solution—Four-terminal Networks in the Alternating Current Steady States—The Transmission Line as a Four-terminal Network.

Partial Differentiation.

Partial Derivatives—The Symbolic Form of Taylor's Expansion—Differentiation of Composite Functions—Change of variables—The First Differential—Differentiation of Implicit Functions—Maxima and Minima—Differential of a Definite Integral—Integration under the Integral Sign—Evaluation of Certain Definite Integrals—The Elements of the Calculus of Variations—Summary of Fundamental Formulas of the Calculus of Variations—Hamilton's Principle, Lagrange's

Equations—Variational problems with Accessory Conditions: Isoperimetric problems.

Vector Analysis.

The Concept of a vector—Addition and Subtraction of Vectors, Multiplication of a vector by a Scalar—The Scalar-Product of two Vectors—The Vector Product of Two Vectors—Multiple Products—Differentiation of a Vector with respect to Time—The Gradient—The Divergence and Gauss's Theorem—The Curl of a Vector Field and Stokes's Theorem—Successive Application of the Operator—Orthogonal Curvilinear Co-ordinates—Application to Hydrodynamics—The equation of Heat Flow in Solids—The Gravitational Potential—Maxwell's Equations—The Wave Equation—The Skin-effect or Diffusion Equation—Tensors (Qualitative Introduction)—Co-ordinate Transformations, Scalars, Contravariant Vectors, Covariant Vectors—Addition, Multiplication and contraction of Tensors—Associated Tensors—Differentiation of an Invariant—Differentiation of Tensors; The Christoffel Symbols—Intrinsic and Covariant Derivatives of Tensors of Higher Order—Application of Tensor Analysis to the Dynamics of a Particle.

Elements of the Theory of the Complex Variable.

General Functions of a Complex Variable—The Derivative and the Cauchy—Riemann Differential Equations Line Integrals of Complex Functions—Cauchy's Integral Theorem—Cauchy's Integral Formula—Taylor's Series—Laurent's Series—Residues—Cauchy's Residue Theorem—Singular Points of an Analytic Function—The Point at Infinite—Evaluation of Residues—Liouville's Theorem—Evaluation of Definite Integrals—Jordan's Lemma—Integrals Involving Multiple—Valued Functions.

Operational and Transform Methods.

The Fourier—Mellin Theorem—The Fundamental Rules—Calculation of Direct Transforms—Calculation of Inverse Transforms—The Modified Integral—Impulsive Functions Application of the Operational Calculus to the Solution of Partial Differential Equations—Evaluation of Integrals—Application of the Laplace Transform to the Solution of Linear Integral Equations—Solution of Ordinary Differential Equations with Variable Coefficients—The Summation of Fourier Series by the Laplace Transform.

(13) Radar and Micro-waves Engineering including Radio Aids to Navigation.

Principles; resolution, accuracy and coverage; radar range equation, radar frequencies and various types, of radar equipment.

Pulse circuits and networks; strobes and gating circuits. Various types of presentations and connected circuitry. Modulators and their theory.

Radar receiving circuits.

Various types of radar antenna and feed systems, reflector and their design. Microwave plumbing: Wave guides, modes of transmission, impedance matching, choke joints, direction couplers, TR devices.

VHF triode oscillator, klystrons, magnetrons, travelling wave tubes, efficiency diagrams. Principles and Characteristics of air-borne & ground based radar systems. Principles of direction finding.

Principles of navigational systems such as Loran, Decca, Doppler.

*Principles of Electronic Altimeters.**(14) Broadcasting and Television Systems.*

Broadcasting on long, medium and short waves and V.H.F.; coverages, field strength, noise and interference: ground wave propagation; sky wave propagation; fading phenomenon.

Studio and auditorium; design with regard to noise level, reverberation, sound level and sound distribution, ventilation and illumination.

Studio and control room equipment, microphones—design considerations from output, impedance, sound level, directivity,

noise and fidelity. Choice of microphones. Chain in the audio link from microphone to transmitter,—special feature and design considerations. Recording and play back.

Broadcast transmitters; requirements for broadcast; modulators, amplifiers and power supply systems.

Design of superheterodyne receiving circuits. Use of transistors in broadcast receivers.

Frequency modulation in broadcasting.

Television circuits in cameras, transmitters and receivers; picture standards; typical transmitters and receivers; lighting and studio equipment.

APPENDIX II

REGULATION RELATING TO THE PHYSICAL EXAMINATION OF CANDIDATES

[These regulations are published for the convenience of candidates and in order to enable them to ascertain the probability of their coming up to the required physical standard. The regulations are also intended to provide guide lines to the medical examiners and a candidate who does not satisfy the minimum requirements prescribed in the regulations, cannot be declared fit by the medical examiners. However, while holding that a candidate is not fit according to the norms laid down in these regulations, it would be permissible for a Medical Board to recommend to the Government of India for reasons specially recorded in writing that he may be admitted to service without disadvantage to Government.

2. It should, however, be clearly understood that the Government of India reserve to themselves, absolute discretion to reject or accept any candidate after considering the report of the Medical Board].

1. To be passed as fit for appointment a candidate must be in good mental and bodily health and free from any physical defect likely to interfere with the efficient performance of the duties of his appointment.

2. (a) In the matter of the correlation of age, height and chest girth of candidates of Indian (including Anglo-Indian) race, it is left to Medical Board to use whatever correlation figures are considered most suitable as a guide in the examination of the candidates. If there be any disproportion with regard to height, weight and chest girth, the candidate should be hospitalised for investigation and X-ray of the chest taken before the candidate is declared fit or not fit by the Board.

(b) However, for certain services the minimum standards for height and chest girth, without which candidates cannot be accepted, are as follows :—

	Height	Chest Expansion (fully expanded)
Class I and Class II post in the Engineering Branch of the Overseas Communication Service	152 cm. 84 cm. 5 cm. (for men)	
	146 cm. 74 cm. 5 cm. (for women)	

The minimum height prescribed is relaxable in case of candidates belonging to races such as Gorkhas, Garhwali, Assamese, Nagaland Tribals, etc., whose average height is distinctly lower.

3. The candidate's height will be measured as follows :—

He will remove his shoes and be placed against the standard with his feet together and the weight thrown on the heels and not on the toes or other sides of the feet. He will stand erect without rigidity and with the heels, calves, buttocks and shoulders touching the standard, the chin will be depressed to bring the vertex of the head level under the horizontal bar and the height will be recorded in centimetres and parts of a centimetre to halves.

4. The candidate's chest will be measured as follows :—

He will be made to stand erect with his feet together and to raise his arms over his head. The tape will be so adjusted round the chest that its upper edge touches the inferior angles of the shoulder blades behind and lies in the same horizontal plane when

the tape is taken round the chest. The arms will then be lowered to hang loosely by the side, and care will be taken that the shoulders are not thrown upwards or backwards so as to displace the tape. The candidate will then be directed to take a deep inspiration several times and the maximum expansion of the chest will be carefully noted, and the minimum and maximum will then be recorded in centimetres, 84-89, 86-93.5 etc. In recording the measurements, fractions of less than half a centimetre should not be noted.

5. The candidate will also be weighed and his weight recorded in kilograms; fractions of half a kilogram should not be noted.

6. The candidate's eye-sight will be tested in accordance with the following rules. The result of each test will be recorded :—

(i) *General*.—The candidate's eyes will be submitted to a general examination directed to the detection of any disease or abnormality. The candidate will be rejected if he suffers from any squint or morbid conditions of eyes, eye-lids or contiguous structures of such a sort as to render or are likely at a future date to render him unfit for service.

(ii) *Visual Acuity*.—The examination for determining the acuteness of vision includes two tests, one for distant, the other for near vision. Each eye will be examined separately.

There shall be no limit for minimum naked eye vision but the naked eye vision of the candidates shall, however, be recorded by the Medical Board or other medical authority in every case, as it will furnish the basic information in regard to the condition of the eye.

The standards for distant and near vision with or without glasses shall be as follows :—

	Distant Better eye	Vision Worse eye	Near Better eye	Vision Worse eye
1. Assistant Technical Officers in the Civil Aviation Department	6/9	6/9	Sn. 0·6	Sn. 0·8
and			Or	
Engineers in the Wireless, Planning and Co-ordination Wing/Monitoring Organisation	6/6	6/12		
2. Assistant Station Engineer (Class I) in All India Radio	6/9	6/9	Sn. 0·6	Sn. 0·8
			Or	
	6/6	6/12		

NOTE (1)—In respect of service mentioned at 2 above.

Total amount of Myopia (including the cylinder) shall not exceed—4.00D. Total amount of Hypermetropia (including the cylinder) shall not exceed +4.00D.

NOTE (2)—In respect of services mentioned at 1 above.

(a) *For candidates up to the age of 20 years*.—Total amount of Myopia shall not exceed —6.00D. Total amount of hypermetropia shall not exceed +6.00D.

(b) *For candidates above the age of 20 years*.—Total amount of Myopia shall not exceed—8.00D. Total hypermetropia shall not exceed +6.00D.

NOTE (3)—*Fundus Examination*.—Wherever possible fundus examination will be carried out at the discretion of the Medical Board and results recorded.

NOTE (4)—*Colour Vision*.—(i) The testing of colour vision shall be essential in respect of services mentioned at 2 above.

(ii) Colour perception should be graded into a higher and a lower grade depending upon the size of the aperture in the lantern as described in the table below:—

Grade	Higher Grade of Colour perception	Lower Grade of Colour perception
1. Distance between the lamp and candidates . . .	4·9 metres	4·9 metres
2. Size of aperture . . .	1·3 mm	1·3 mm
3. Time of exposure . . .	5 sec.	5 sec.

For the services concerned with the safety of the Public, e.g. pilots, drivers, guards, etc., the higher grade of colour vision is essential but for other the lower grade of colour vision should be considered sufficient. The same standards of colour vision should be applicable in respect of all Engineering personnel in whose case colour perception is considered essential irrespective of the fact whether their duties involve field work or not.

(iii) Satisfactory colour vision constitutes recognition with ease and without hesitation of signal red, signal green and white colours. The use of Ishihara's plates, shown in good light and a suitable lantern like Edridge Green's shall be considered quite dependable for testing colour vision. While either of the two tests may ordinarily be considered sufficient, in respect of the services concerned with road, rail and air traffic, it is essential to carry out the lantern test. In doubtful cases where a candidate fails to qualify when tested by only one of the two tests, both the tests should be employed.

NOTE (5)—Field of vision.—The field of vision shall be tested in respect of all services by the confrontation method. Where such test gives unsatisfactory or doubtful results the field of vision should be determined on the perimeter.

NOTE (6)—Night Blindness.—Night blindness need not be tested as a routine, but only in special cases. No standard test for the testing of night blindness or dark adaptation is prescribed. The Medical Board should be given the discretion to improvise such rough tests, e.g., recording visual acuity with reduced illumination or by making the candidate recognise various objects in a darkened room after he/she has been there for 20 to 30 minutes. Candidates' own statements should not always be relied upon, but they should be given due consideration.

NOTE (7).—Ocular conditions other than visual acuity.—(a) Any organic disease or a progressive refractive error which is likely to result in lowering the visual acuity should be considered as a disqualification.

(b) *Trachoma.*—Trachoma unless complicated shall not ordinarily be a cause for disqualification.

(c) *Squint.*—For services mentioned at 1 and 2 above where the presence of binocular vision is essential, squint, even if the visual acuity is of the prescribed standard, should be considered as a disqualification. For other services the presence of squint should not be considered as a disqualification if the visual acuity is of the prescribed standard.

(d) *One-eyed persons.*—The employment of one-eyed individuals is not recommended.

7. Blood Pressure.

The Board will use its discretion regarding Blood Pressure. A rough method of calculating normal maximum systolic pressure is as follows:—

(i) With young subjects 15—25 years of age the average is about 100 plus the age.

(ii) With subjects over 25 years of age the general rule of 110 plus half the age seems quite satisfactory.

N.B.—As a general rule any systolic pressure over 140 mm and diastolic over 90 mm should be regarded as suspicious and the candidate should be hospitalised by the Board before giving their final opinion regarding the candidate's fitness or otherwise. The hospitalization report should indicate whether the

rise in blood pressure is of a transient nature due to excitement etc. or whether it is due to any organic disease. In all such cases X-Ray and electrocardiographic examinations of heart and blood urea clearance test should also be done as a routine. The final decision as to the fitness or otherwise of a candidate will, however, rest with the Medical Board only.

Method of taking Blood Pressure.

The mercury manometer type of instrument should be used as a rule. The measurement should not be taken within fifteen minutes of any exercise or excitement. Provided the patient and particularly his arm is relaxed, he may be either lying or sitting. The arm is supported comfortably at the patient's side in a more or less horizontal position. The arm should be freed from clothes to the shoulder. The cuff completely deflated should be applied with the middle of the rubber over the inner side of the arm, and its lower edge an inch or two above the bend of the elbow. The following turns of cloth bandage should spread evenly over the bag to avoid bulging during inflation.

The brachial artery is located by palpitation at the bend of the elbow and the stethoscope is then applied lightly and centrally over it below, but not in contact with the cuff. The cuff is inflated to about 200mm. HG. and then slowly deflated. The level at which the column stands when soft successive sounds are heard represents the Systolic Pressure. When more air is allowed to escape the sounds will be heard to increase in intensity. The level at which the well-heard clear sounds change to soft muffled fading sound represents the diastolic pressure. The measurements should be taken in a fairly brief period of time as prolonged pressure of the cuff is irritating to the patient and will vitiate the readings. Rechecking, if necessary, should be done only a few minutes after complete deflation of the cuff. (Sometimes, as the cuff is deflated sounds are heard at a certain level; they may disappear as pressure falls and reappear at a still lower level. This 'Silent Gap' may cause error in readings).

8. The urine (passed in the presence of the examiner) should be examined and the result recorded. Where a Medical Board finds sugar present in a candidate's urine by the usual chemical tests the Board will proceed with the examination with all its other aspects and will also specially note any signs or symptoms suggestive of diabetes. If except for the glycosuria, the Board finds the candidate conforms to the standard of medical fitness required they may pass the candidate "fit subject to the Glycosuria being non-diabetic" and the Board will refer the case to a specified specialist in Medicine who has hospital and laboratory facilities at his disposal. The Medical Specialist will carry out whatever examinations, clinical and laboratory, he considers necessary including a standard blood sugar tolerance test and will submit his opinion to the Medical Board upon which the Medical Board will base its final opinion "fit" or "unfit". The candidate will not be required to appear in person before the Board on the second occasion. To exclude the effects of medication it may be necessary to retain a candidate for several days in hospital, under strict supervision.

9. The following additional points should be observed—

- (a) that the candidate's hearing in each ear is good and that there is no sign of disease of the ear. In case it is defective the candidate should be got examined by the ear specialist. Provided that if the defect in hearing is remediable by operation or by use of a hearing aid, candidate cannot be declared unfit on that account provided he/she has no progressive disease in that ear;
- (b) that his/her speech is without impediment;
- (c) that his/her teeth are in good order and that he/she is provided with dentures where necessary for effective mastication (well filled teeth will be considered as sound);
- (d) that the chest is well formed and his chest expansion sufficient; and that his heart and lungs are sound;
- (e) that there is no evidence of any abdominal disease;
- (f) that he is not ruptured;
- (g) that he does not suffer from hydrocele, a severe degree of varicocele, varicose veins or piles;

- (h) that his limbs, hands and feet are well formed and developed and that there is free and perfect motion of all his joints;
- (i) that he does not suffer from any inveterate skin disease;
- (j) that there is no congenital malformation or defect;
- (k) that he does not bear traces of acute or chronic disease pointing to an impaired constitution;
- (l) that he bears marks of efficient vaccination; and
- (m) that he is free from communicable disease.

10. Radiographic examination of the chest should be done as a routine in all cases for detecting any abnormality of the heart and lungs, which may not be apparent by ordinary physical examination.

When any defect is found it must be noted in the Certificate and the medical examiner should state his opinion whether or not it is likely to interfere with the efficient performance of the duties which will be required of the candidate.

NOTE.—Candidates are warned that there is no right of appeal from a Medical Board, special or standing, appointed to determine their fitness for the above posts. If, however, Government are satisfied on the evidence produced before them of the possibility of an error of judgment in the decision of the first Board, it is open to Government to allow an appeal to a second Board. Such evidence should be submitted within one month of the date of the communication in which the decision of the first Medical Board is communicated to the candidate otherwise no request for an appeal to a second Medical Board will be considered.

If any medical certificate is produced by a candidate as a piece of evidence about the possibility of an error of judgment in the decision of the first Board, the certificate will not be taken into consideration unless it contains a note by the medical practitioner concerned to the effect that it has been given in full knowledge of the fact that the candidate has already been rejected as unfit for service by the Medical Board.

Medical Board's Report

The following intimation is made for the guidance of the Medical Examiner :—

1. The standard of physical fitness to be adopted should make due allowance for the age and length of service, if any of the candidate concerned.

No person will be deemed qualified for admission to the Public Service who shall not satisfy Government, or the appointing authority, as the case may be, that he has no disease, constitutional affection, or bodily infirmity unfitting him, or likely to unfit him for that service.

It should be understood that the question of fitness involves the future as well as the present and that one of the main objects of medical examination is to secure continuous effective service, and in the case of candidates for permanent appointment to prevent early pension or payments in case of premature death. It is at the same time to be noted that the question is one of the likelihood of continuous effective service, and that rejection of a candidate need not be advised on account of the presence of a defect which in only a small proportion of cases is found to interfere with continuous effective service.

A lady doctor will be co-opted as a member of the Medical Board whenever a woman candidate is to be examined.

The report of the medical Board should be treated as confidential.

In cases where, a candidate is declared unfit for appointment in the Government Service, the grounds for rejection may be communicated to the candidates in broad terms without giving minute details regarding the defects pointed out by the Medical Board.

In cases where, a Medical Board consider that a minor disability disqualifying a candidate for Government service can be cured by treatment (medical or sur-

gical) a statement to that effect should be recorded by the Medical Board. There is no objection to a candidate being informed of the Board's opinion to this effect by the appointing authority and when a cure has been effected it will be open to the authority concerned to ask for another Medical Board.

In the case of candidates who are to be declared 'Temporarily Unfit' the period specified for re-examination should not ordinarily exceed six months at the maximum. On re-examination after the specified period these candidates should not be declared temporarily unfit for a further period but a final decision in regard to their fitness for appointment or otherwise should be given.

(A) Candidate's statement and declaration.

The candidate must make the Statement required below prior to his Medical Examination and must sign the Declaration appended thereto. His attention is specially directed to the warning contained in the Note below :—

1. State your name in full (in block letters).....

2. State your age and birth place.....

2. (a) Do you belong to races such as Gorkhas, Garwalis, Assamese, Nagaland Tribals etc, whose average height is distinctly lower ? Answer 'Yes' or 'No', and if the answer is 'Yes', state the name of the race.

3. (a) Have you ever had small-pox, intermittent or any other fever, enlargement or suppuration of glands, spitting of blood, asthma, heart disease, lung disease, fainting attacks, rheumatism, appendicitis ?.....

or

(b) any other disease or accident requiring confinement to bed and medical or surgical treatment ?.....

4. When were you last vaccinated ?.....

5. Have you suffered from any form of nervousness due to over-work or any other cause ?.....

6. Furnish the following particulars concerning your family :

Father's age if living and state of health	Father's age at death and cause of death	No. of brothers living, their ages and state of health	No. of brothers dead, their age at and cause of death
Mother's age if living and state of health	Mother's age at death and cause of death	No. of sisters living, their ages and state of health	No. of sisters dead, their ages at and cause of death

7. Have you been examined by a Medical Board before ?.....

8. If answer to the above is yes, please state what Service(s)/post(s) you were examined for ?

9. Who was the examining authority ?

10. When and where was the Medical Board held ?.....

11. Result of the Medical Board's examination, if communicated to you or if known.....

I declare all the above answers to be, to the best of my belief, true and correct.

Candidate's Signature.....

Signed in my presence

Signature of Chairman of the Board.

NOTE.—The candidate will be held responsible for the accuracy of the above statement. By wilfully suppressing any information he will incur the risk of losing the appointment and, if appointed, of forfeiting all claim to superannuation Allowance or Gratuity.

(B) Report of the Medical Board on (name of candidate). Physical examination.

1. General development : Good Fair
Poor Nutrition : Thin Average
..... Obese Height (without shoes)
..... Weight Best Weight
when ? Any recent change in weight
..... ; Temperature

Girth of Chest :—

- (1) (After full inspiration)
- (2) (After full expiration)

2. Skin : Any obvious disease

3. Eyes : (1) Any disease

- (2) Night blindness
- (3) Defect in colour vision
- (4) Field of vision
- (5) Visual acuity

Acuity of vision	Naked eye	With glasses	Strength of glasses		
			Sph.	Cyl.	Axis.
Distant vision					
R.E.					
L.E.					
Near vision					
R.E.					
L.E.					
Hypermetropia (manifest)					
R.E.					
L.E.					

4. Ears; Inspection Hearing : Right Ear Left Ear
5. Glands Thyroid
6. Condition of teeth

7. Respiratory system : Does physical examination reveal anything abnormal in the respiratory organs ?

If yes, explain fully

8. Circulatory system :

- (a) Heart : Any organic lesions ?
Rate Standing
- After hoppings 25 times
- two minutes after hopping
- (b) Blood Pressure : Systolic
- Diastolic

9. Abdomen : Girth Tenderness

..... Hernia

- (a) Palpable : Liver Spleen
- Kidneys Tumours

(b) Haemorrhoids Fistula

10. Nervous system : Indications of nervous or mental disabilities

11. Loco Motor System : any abnormality

12. Genito Urinary system : Any evidence of Hydrocele, Varicocele, etc.

Urine Analysis :

(a) Physical appearance (b) Sp. Gr.

(c) Albumen (d) Sugar

(e) Casts (f) Cells

13. Report of X-Ray Examination of Chest

14. Is there anything in the health of the candidate likely to render him unfit for the efficient discharge of his duties in the service for which he is a candidate ?

15. For which services has the candidate been examined and found in all respects qualified for the efficient and continuous discharge of his duties and for which of them is he considered unfit ?

16. Is the candidate fit for Field Service ?

NOTE.—The Board should record their findings under one of the following three categories :

- (i) Fit
- (ii) Unfit on account of
- (iii) Temporarily unfit on account of

President

Member

Place

Date

APPENDIX III

Brief particulars relating to the posts for which recruitment is being made through this examination.

1. Engineers (Class I) in the Wireless, Planning and Co-ordination Wing/Monitoring Organisation, Department of Communications :

(a) Scale of pay Rs. 400—400—450—30—600—35—670—EB—35—950.

(b) The incumbent of the post of Engineer is eligible for promotion against 50 per cent of the vacancies in the grade of Assistant Wireless Adviser, Wireless, Planning and Co-ordination Wing/Engineer-in-Charge, Monitoring Organisation (Scale of pay Rs. 700—40—1,100—50/2—1,250 plus Rs. 100 as special pay for the post of Assistant Wireless Adviser only) after putting in five years service in the grade. Promotion to the grade of Assistant Wireless Adviser/Engineer-in-Charge will be on the basis of selection on the recommendations of the Departmental Promotion Committee as constituted for Class I posts.

All Assistant Wireless Advisers and Engineer-in-Charge with 5 years service in the grade of Assistant Wireless Adviser/Engineer-in-Charge are eligible for being considered for promotion as Deputy Wireless Adviser (Scale of pay Rs. 1,100—50—1,400). The vacancies in the grade of Deputy Wireless Adviser are filled by promotion to the extent of 75% on the basis of selection on the recommendations of the D.P.C. as constituted for Class I posts. 25%

of the vacancies in the grade of Deputy Wireless Adviser are filled by direct recruitment.

- (c) The person appointed to the post of Engineer is liable to be posted anywhere in India.
- (d) Any person appointed to the post of Engineer shall, if so required, be liable to serve in any Defence Service or post connected with the Defence of India, for a period of not less than four years, including the period spent on training, if any:

Provided that such person—

- (a) shall not be required to serve as aforesaid after the expiry of ten years from the date of appointment;
- (b) shall not ordinarily be required to serve as aforesaid after attaining the age of forty years.

2. Assistant Technical Officers (Class II) in the Civil Aviation Department, Ministry of Tourism and Civil Aviation.

- (a) Candidates selected for appointment will be appointed as probationers for a period of 2 years during which they will undergo practical training in accordance with the programme of training that may be prescribed from time to time. Those who are favourably reported upon and have passed any Departmental examination or examinations that may be prescribed will be appointed as temporary Assistant Technical Officers. They will be considered for confirmation in the grade of Assistant Technical Officer as and when permanent posts for their confirmation become available;
- (b) If in the opinion of Government the work or conduct of an officer on probation is unsatisfactory, or shows that he is unlikely to become efficient, Government may discharge him forthwith;
- (c) On the conclusion of his period of probation, Government may confirm the officer in his appointment or if his work or conduct has in the opinion of the Government been unsatisfactory, Government may either discharge him from the Service or may extend his period of probation for such further period as Government may think fit;
- (d) If no action is taken by Government, under sub-rule (b) or (c) of this rule, the period after the prescribed period of probation shall be treated as an engagement from month to month, terminable on either side, on the expiration of one calendar month's notice in writing;
- (e) If the power to make appointments in the Service is delegated by Government to any officer, that officer may exercise any of the powers of Government under this rule;
- (f) Officers recruited under these rules shall be eligible for leave, increment and pension in accordance with the rules for the time being in force and applicable to officers of the Central Government. They will also be eligible to join the Central Provident Fund in accordance with the rules regulating that Fund;
- (g) These officers shall be liable for transfer anywhere in India and for Field Service in and outside India during an emergency. They can also be asked to take up duties on board an aircraft in flight;
- (h) The relative seniority of officers appointed through the Engineering Services (Electronics) Examination will ordinarily be determined by the order of their merit in the Examination. Government of India, however, reserve the right of fixing the seniority at their discretion in individual cases;
- (i) Promotions of Assistant Technical Officers to the grade of Technical Officers are dependent on the occurrence of vacancies in the latter grade and are made on the basis of selection on merit from amongst those Assistant Technical Officers who have rendered a minimum of three years' service in the grade. Only 50% vacancies in the grade of Technical Officers are earmarked for departmental promotion;

(j) These conditions of service are subject to revision according to the requirements of service. Candidates will not be entitled to any compensation if they are adversely affected by any changes in the conditions of service which may be introduced later on;

(k) Scale of pay—Rs. 350—25—500—30—590—EB—30—800—EB—30—830—35—900;

(l) Any person appointed to the post of Assistant Technical Officer shall, if so required, be liable to serve in any Defence Service or post connected with the Defence Service or post connected with the Defence of India, for a period of not less than four years including the period spent on training, if any:

Provided that such person—

- (a) shall not be required to serve as aforesaid after the expiry of ten years from the date of appointment;
- (b) shall not ordinarily be required to serve as aforesaid after attaining the age of forty years.

3. Assistant Station Engineer (Class I), Ministry of Information and Broadcasting.

- (a) Appointment will be made on probation for a period of two years;
- (b) An officer appointed to the post will be liable to serve anywhere in India and also will be liable to transfer, at any time, to serve under a public corporation and on such transfer, he will be liable to be governed by the conditions of service laid down for employees of the Corporation;
- (c) The Government can terminate the appointment of an officer in the following events, without giving any notice—(i) during or at the end of the period of probation, (ii) for insubordination, intemperance, misconduct or breach or non-performance of any of the provisions of the rules pertaining to the service for the time being in force, (iii) if he is found medically unfit and is likely for considerable period to continue to be so unfit by reasons of ill health for the discharge of his duties;

In case of temporary appointments, the service of the officer can be terminated at any time, without assigning any reason by giving one month's notice on either side.

(d) Scale of pay—Rs. 400—400—450—30—600—35—670—EB—35—950;

(e) Prospects of promotion to higher grades:—

(i) Promotion to the grade of Station Engineers: All Assistant Station Engineers with a minimum of five years' service in the grade are eligible for promotion to the grade of Station Engineers in All India Radio in the scale of Rs. 700—40—1,100—50/2—1,250 on the basis of selection on the recommendations of the Departmental Promotion Committee;

(ii) Promotion to the grade of Senior Engineers: All Station Engineers who have a minimum of seven years of service in that cadre are eligible for promotion to the grade of Senior Engineers in the scale of Rs. 1,100—50—1,400 on the basis of selection on the recommendations of the Departmental Promotion Committee.

NOTE.—The remaining conditions of service, such as, leave travelling allowance on transfers/tour, joining time/joining time pay, medical facilities, travel concessions, pension and gratuity, control and discipline and conduct, etc., will be as applicable to other Central Government employees of similar status.

4. Other posts under the Central Government carrying generally the following scales of pay:—

Class I	..	Rs. 400-950
Class II	..	Rs. 350-900

MINISTRY OF RAILWAYS
(Railway Board)

New Delhi-1, the 27th October 1968

No. 60/RE/240/3.—It is hereby notified for the general information of all users of Railway lines and premises on the under noted section of the Northern Railway that 25000 Volts 50 cycles A.C. Overhead traction wires will be energised on or after the date specified against the section. On and from the same date, the overhead traction line shall be treated as live at all times and no unauthorised person shall approach on work in the proximity of it.

Section and Date

Panki station yard and from structure No. Km. 1027/23-24 to structure No. Km. 1030/25-26 including the two IOC loops and Dn. loop of Panki station—31-8-1968.

No. 60/RE/240/3.—It is notified for the information of general public that in connection with the introduction of 25 KV AC electric traction on the Panki station yard, from structure No. Km. 1027/23-24 to structure No. Km. 1030/25-26 including the two IOC loops and down loop, height gauges have been erected at all level crossings with a clear height of 15'-4" above road level, with a view to preventing loads of excessive height from coming into contact with or in dangerous proximity of live traction wires. Public are hereby notified to observe the height specified above, for the purpose of loading vehicles and to ensure that loads carried in road vehicles do not infringe the height gauges under any circumstances.

The dangers involved in a load of excessive height are :—

- (i) the height gauge would be thrown out causing obstruction to the road as well as to the railway line;
- (ii) the materials or equipment carried (or the vehicle itself) may be damaged;
- (iii) fire may be caused involving risk to life, due to the contact of or dangerous proximity with the live conductors.

RULES

The 9th November 1968

No. E(GR)I-68-RR7-2.—The rules for a competitive examination to be held by the Union Public Service Commission in May, 1969, for selection of candidates for appointment as Special Class Apprentices in the Indian Railway Service of Mechanical Engineers, are published for general information.

2. The number of vacancies to be filled on the results of the examination will be specified in the Notice issued by the Commission. Reservations will be made for candidates belonging to the Scheduled Castes and the Scheduled Tribes in respect of vacancies as may be fixed by the Government.

Scheduled Castes/Tribes mean any of the Castes/Tribes mentioned in the Scheduled Castes/Tribes Lists (Modification) Order, 1956, read with Scheduled Castes and Scheduled Tribes Orders (Amendment) Act, 1956, the Constitution (Jammu and Kashmir) Scheduled Castes Order, 1956, the Constitution (Andaman and Nicobar Islands) Scheduled Tribes Order, 1959, the Constitution (Dadra and Nagar Haveli) Scheduled Castes Order, 1962, the Constitution (Dadra and Nagar Haveli) Scheduled Tribes Order, 1962, the Constitution (Pondicherry) Scheduled Castes Order, 1964 and the Constitution (Scheduled Tribes) (Uttar Pradesh) Order 1967.

3. The examination will be conducted by the Commission in the manner prescribed in Appendix I to these Rules.

The dates on which and the places at which the examination will be held shall be fixed by the Commission.

4. A candidate must be either

- (a) a citizen of India, or
- (b) a subject of Sikkim, or
- (c) a subject of Nepal, or
- (d) a subject of Bhutan, or

(e) a Tibetan refugee who came over to India, before the 1st January, 1962, with the intention of permanently settling in India, or

(f) a person of Indian origin who has migrated from Pakistan, Burma, Ceylon, and East African countries of Kenya, Uganda and the United Republic of Tanzania (formerly Tanganyika and Zanzibar) with the intention of permanently settling in India.

Provided that a candidate belonging to categories (c), (d), (e) and (f) above shall be a person in whose favour a certificate of eligibility has been issued by the Government of India.

Certificate of eligibility will not, however, be necessary in the case of candidates belonging to any one of the following categories :—

- (i) Persons who migrated to India from Pakistan before the nineteenth day of July, 1948, and have ordinarily been residing in India since then.
- (ii) Persons who migrated to India from Pakistan on or after the nineteenth day of July, 1948, and have got themselves registered as citizens of India under Article 6 of the Constitution.
- (iii) Non-citizens in category (f) above who entered service under the Government of India before the commencement of the Constitution, viz., 26th January, 1950, and who have continued in such service then without a break. Any such person who re-entered or may re-enter such service with break after the 26th January, 1950, will however, require certificate of eligibility in the usual way.

A candidate in whose case a certificate of eligibility is necessary may be admitted to the examination and he may also be provisionally appointed subject to the necessary certificate being given to him by the Government.

5. (a) A candidate must have attained the age of 16 years and must not have attained the age of 19 years on 1st January 1969 i.e., he must have been born not earlier than 2nd January, 1950, and not later than 1st January, 1953.

(b) The upper age limit prescribed above will be relaxable—

- (i) up to a maximum of five years if a candidate belongs to a Scheduled Caste or a Scheduled Tribe;
- (ii) up to a maximum of three years if a candidate is a bona fide displaced person from East Pakistan and has migrated to India on or after 1st January, 1964. This concession shall not, however, be admissible to a candidate who has already appeared at three previous examinations;
- (iii) up to a maximum of three years if a candidate belongs to a Scheduled Caste or a Scheduled Tribe and is also a bona fide displaced person from East Pakistan and has migrated to India on or after January 1, 1964. This concession shall not, however, be admissible to a candidate who has already appeared at eight previous examinations;
- (iv) up to a maximum of three years if a candidate is a resident of the Union Territory of Pondicherry and has received education through the medium of French at some stage;
- (v) upto a maximum of three years if a candidate is a bona fide repatriate of Indian origin from Ceylon and has migrated to India on or after 1st November, 1964, under the Indo-Ceylon Agreement of October, 1964. This concession shall not, however, be admissible to a candidate who has already appeared at three previous examinations;
- (vi) up to a maximum of eight years if a candidate belongs to a Scheduled Caste or a Scheduled Tribe and is also a bona fide repatriate of Indian origin from Ceylon and has migrated to India on or after 1st November, 1964, under the Indo-Ceylon Agreement of October, 1964. This concession shall not, however, be admissible to a candidate who has already appeared at eight previous examinations;

- (vii) up to a maximum of three years if a candidate is a resident of the Union Territory of Goa, Daman and Diu;
- (viii) up to a maximum of three years if a candidate is of Indian origin and has migrated from Kenya, Uganda and the United Republic of Tanzania (formerly Tanganyika and Zanzibar);
- (ix) up to a maximum of three years if a candidate is a bona fide repatriate of Indian origin from Burma and has migrated to India on or after 1st June, 1963. This concession shall not, however, be admissible to a candidate who has already appeared at three previous examinations;
- (x) up to a maximum of eight years if a candidate belongs to a Scheduled Caste or a Scheduled Tribe and is also a bona fide repatriate of Indian origin from Burma and has migrated to India on or after 1st June, 1963. This concession shall not, however, be admissible to a candidate who has already appeared at eight previous examinations;
- (xi) up to a maximum of three years in the case of Defence Service personnel disabled in operations during hostilities with any foreign country or in a disturbed area, and released as consequence thereof. This concession shall not, however, be admissible to a candidate who has already appeared at three previous examinations; and
- (xii) up to a maximum of eight years in the case of Defence Service personnel disabled in operations during hostilities with any foreign country or in a disturbed area, and released as consequence thereof: who belong to the Scheduled Castes or the Scheduled Tribes. This concession shall not, however, be admissible to a candidate who has already appeared at eight previous examinations.

SAVE AS PROVIDED ABOVE, THE AGE LIMITS PRESCRIBED CAN IN NO CASE BE RELAXED.

6. A candidate—

- (a) must have passed in the first or second division the Intermediate or an equivalent Examination of a University or Board approved by the Government of India with Mathematics and at least one of the subjects Physics and Chemistry as subjects of the examination.
Graduates with Mathematics and at least one of the subjects Physics and Chemistry as their degree subjects may also apply; or
- (b) must have passed the first year Examination under the three-year degree course of a University or the first examination of the three-year diploma course in Rural Services of the National Council for Rural Higher Education, with Mathematics and at least one of the subjects Physics and Chemistry as subjects of the examination provided that before joining the degree/diploma course he passed the Higher Secondary Examination or the Pre-University or equivalent Examination in the first or second division or obtained the Cambridge School Certificate/Indian School Certificate with at least five credits including credits in Mathematics and at least in one of the subjects Physics and Chemistry.
Candidates who have passed the first/second year Examination under the three-year degree course in the first or second division with Mathematics and either Physics or Chemistry as subjects of the Examination may also apply, provided the first/second year Examination is conducted by a University; or
- (c) must have passed in the first or second division the pre-Engineering Examination of the Delhi Polytechnic, Delhi, or of a University approved by the Government of India; or
- (d) must have passed in the first or second division the pre-professional/pre-technological Examination of an Indian University or a recognised Board, with Mathematics and at least one of the subjects Physics and Chemistry as subjects of the examination, conducted one year after the Higher Secondary or pre-University stage; or

- (e) must have passed the first year Examination under the five-year Engineering Degree course of a University, provided that before joining the Degree course, he passed the Higher Secondary Examination or Pre-University or equivalent examination in the first or second division or obtained the Cambridge School Certificate/Indian School Certificate with at least five credits including credits in Mathematics and at least in one of the subjects Physics and Chemistry. Candidates who have passed the first year Examination of the five-year Engineering Degree Course in the first or second division may also apply, provided the first year Examination is conducted by a University.

NOTE I.—Candidates who are not awarded any specific division by the University/Board either in the Intermediate or any other examination mentioned above will be considered educationally eligible provided their aggregate of marks falls within the range of marks for first or second division as prescribed by the University/Board concerned.

NOTE II.—A candidate who has appeared at an examination the passing of which would render him eligible to appear at the examination but has not been informed of the result may apply for admission to the examination. A candidate who intends to appear at such a qualifying examination may also apply provided that the qualifying examination is completed before the commencement of this examination. Such candidates will be admitted to the examination, if otherwise eligible but the admission would be deemed to be provisional and subject to cancellation if they do not produce proof of having passed the examination, as soon as possible, and in any case not later than two months after the commencement of this examination.

NOTE III.—In exceptional cases, the Commission may treat a candidate, who has not any of the qualifications prescribed in this rule, as educationally qualified provided that he has passed examinations conducted by other institutions, the standard of which, in the opinion of the Commission, justifies his admission to the examination.

7. Candidates must pay the fee prescribed in Annexure I to the Commission's Notice.

8. A candidate already in Government Service, whether in a permanent or a temporary capacity, must obtain prior permission of the Head of the Department to appear for the Examination.

9. The decision of the Commission as to the eligibility or otherwise of a candidate for admission to the examination shall be final.

10. No candidate will be admitted to the examination unless he holds a certificate of admission from the Commission.

11. Any attempt on the part of a candidate to obtain support for his candidature by any means may disqualify him for admission.

12. A candidate who is or has been declared by the Commission guilty of impersonation or of submitting fabricated documents or documents which have been tampered with or of making statements which are incorrect or false or of suppressing material information or otherwise resorting to any other irregular or improper means for obtaining admission to the examination, or of using or attempting to use unfair means in the examination hall or of misbehaviour in the examination hall or being found to have in his possession or accessible to him unauthorised papers, books or notes etc. in the examination hall, may, in addition to rendering himself liable to criminal prosecution,—

(a) be debarred permanently or for a specified period :—

(i) by the Commission, from admission to any examination or appearance at any interview held by the Commission for selection of candidates; and

(ii) by the Central Government from employment under them;

(b) be liable to disciplinary action under the appropriate rules, if he is already in service under Government.

13. Candidates who obtain such minimum qualifying marks in the written examination, as may be fixed by the

Commission in their discretion shall be summoned by them for the Personality Test.

14. After the examination, the candidates will be arranged by the Commission in the order of merit as disclosed by the aggregate marks finally awarded to each candidate; and in that order so many candidates as are found by the Commission to be qualified by the examination shall be recommended for appointment up to the number of unreserved vacancies decided to be filled on the results of the examination.

Provided that any candidate belonging to the Scheduled Castes or the Scheduled Tribes who though not qualified by the standard prescribed by the Commission for the Service is declared by them to be suitable for appointment thereto with due regard to maintenance of efficiency of administration, shall be recommended for appointment to vacancies reserved for members of the Scheduled Castes and the Scheduled Tribes, as the case may be, in the Service.

15. The form and manner of communication of the results of the examination to individual candidates shall be decided by the Commission in their discretion and the Commission will not enter into correspondence with them regarding the result.

16. Success in the examination confers no right to an appointment, unless Government are satisfied, after such an enquiry as may be considered necessary that the candidate is suitable in all respects for appointment to the Railway Service.

17. A candidate must be in good mental and bodily health and free from any physical defect likely to interfere with the discharge of his duties as an officer of the Service. A candidate, who after such medical examination as Government or the appointing authority, as the case may be, may prescribe is found not to satisfy these requirements, will not be appointed. Only such candidates as are likely to be considered for appointment will be medically examined. Candidates will have to pay a fee of Rs. 16.00 to the Medical Board concerned at the time of the medical examination.

NOTE.—In order to prevent disappointment candidates are advised to have themselves examined by a Government medical officer of the standing of a Civil Surgeon, before applying for admission to the examination. Particulars of the nature of the medical test to which candidates will be subjected before appointment and of the standards required are given in Appendix II. For the disabled ex-Defence Services personnel the standards will be relaxed consistent with the requirements of the service.

18. (i) No male candidate who has more than one wife living or who, having a spouse living, marries in any case in which such marriage is void by reason of its taking place during the life-time of such spouse, shall be eligible for appointment to the Service, appointments to which are made on the results of this competitive examination, unless the Government of India, after being satisfied that there are special grounds for doing so, exempt any male candidate from the operation of this rule.

(ii) No female candidate whose marriage is void by reason of the husband having a wife living at the time of such marriage or who has married a person who has a wife living at the time of such marriage, shall be eligible for appointment to the Service, appointments to which are made on the results of this competitive examination, unless the Government of India, after being satisfied that there are special grounds for doing so, exempt any female candidate from the operation of this rule.

19. Conditions of apprenticeship for the Special Class Apprentices selected through this examination are given in Appendix III. Brief particulars relating to the Indian Railway Service of Mechanical Engineers are also given in Appendix IV.

C. S. PARAMESWARAN, Secy., Railway Board.

APPENDIX I

(See Rule 3)

The examination shall be conducted according to the following plan :

Part I—Written examination carrying a maximum of 700 marks in the subjects as shown below :

Part II—Personality Test (including psychological tests) carrying a maximum of 500 marks, (*Vide* Rule 13).

2. The subjects of the written examination under Part I, the time allowed and the maximum marks allotted to each subject/paper shall be as follows :—

S. No.	Subject	Time Allowed	Maximum Marks
1.	English . . .	2 hours	150
2.	General Knowledge and Current Affairs PAPER I Current Affairs and History	2 hours	125 } 250
	PAPER II Science and Geography	2 hours	125 }
3.	Mathematics PAPER I Algebra, Plane Geometry and Elementary Mensuration, and Analytical Geometry.	2 hours	150 }
	PAPER II Elementary Trigonometry, Elements of Differential Calculus and Statistics and Dynamics.	2 hours	150 } 300

3. CANDIDATES ARE EXPECTED TO BE FAMILIAR WITH THE METRIC SYSTEM OF WEIGHTS AND MEASURES. IN THE QUESTION PAPERS, WHEREVER NECESSARY, QUESTIONS INVOLVING THE USE OF METRIC SYSTEM OF WEIGHTS AND MEASURES MAY BE SET.

4. Question papers will be approximately of the Intermediate standard.

5. All papers must be answered in English.

6. Candidates must write the answers in their own hand. In no circumstances will they be allowed the help of a scribe to write the answers for them.

7. The syllabus for the examination will be as shown in the attached Schedule.

8. The Commission have the discretion to fix qualifying marks in any or all the subjects at the examination.

9. Marks will not be allotted for mere superficial knowledge.

10. Deduction up to 5 per cent of the maximum marks for the written subjects will be made for illegible handwriting.

11. Credit will be given for orderly, effective and exact expression combined with due economy of words in all subjects of the examination.

SCHEDULE ENGLISH

The questions will be designed to test the candidate's understanding and command of the language. Amongst other tests a passage will be set for the precis.

GENERAL KNOWLEDGE AND CURRENT AFFAIRS

There will be two papers :

Paper I—Dealing mainly with Current Affairs and History.

Paper II—Dealing with Science and Geography.

The following syllabus is designed to indicate the scope of each subject included in these papers. The topics mentioned are not to be regarded as exhaustive and question on topics of similar nature and not mentioned in the syllabus may also be asked. Candidates' answers are expected to show their intelligent understanding of the questions and not detailed knowledge of any text books.

PAPER I

CURRENT AFFAIRS.—Knowledge of important events that have happened in India during the past two years. India's system of Government. Important measures of legislation whether undertaken by the Parliament or State Legislatures. Broad questions of India's policy relating to foreign affairs. Questions set will test the factual knowledge of candidates.

World events of international importance. Important personalities, both Indian and foreign. Sports and other cultural activities of outstanding importance.

Indian History.—Broad outline knowledge of Indian History. Knowledge of India's ancient culture and civilization as disclosed by monuments, ancient buildings and masterpieces of literature. Growth of self-Government. Main stages in the national movement leading to Independence.

World History.—Elementary knowledge of major events in world history. Reforms or national movements such as represented by the French Revolution, Industrial Revolution in the U.K., the American War of Independence, the foundation of U.S.S.R., World Wars I and II, Modern freedom movements in Asia.

PAPER II

SCIENCE—

Physics—Physical properties and states of matter and simple measurements of mass, weight, density and specific gravity.

Motion of object: Velocity, acceleration, force, gravity.

Effects of heat, measurement of temperature, transference of heat, change of state.

Rectilinear propagation of light; phenomenon of reflection and refraction. Natural and artificial magnet—properties of a magnet.

Electricity, static and current, conductors and non-conductors, heating, lighting and magnetic effects of currents.

Chemistry.—Physical and chemical changes, elements, mixtures and compounds, chemical properties of air, chemical composition of water. Preparation and properties of Oxygen, Hydrogen and Nitrogen, Acids, Bases and Salts, Carbon, Coal Carbondioxide.

GENERAL—

Elementary knowledge of the human body and its important organs.

Names and use of common animals, trees, plants, flowers, birds and minerals.

Common epidemics, their causes, means of prevention and cure.

Eminent Scientists and their achievements.

GEOGRAPHY—

The shape and movements of the earth. Time, Night and Day and the seasons, Climate and Weather—the main climatic and vegetation regions. The Earth's crusterosion, transportation and deposition; earthquakes and volcanoes. Tides and Ocean currents. Maps.

Human occupations and activities in relation to Geographical factors.

The Geography of India with special reference to the above.

MATHEMATICS

There will be two papers.

Paper I—Algebra, Plane Geometry and Elementary mensuration and Analytical Geometry.

Paper II—Elementary Trigonometry, Elements of Differential Calculus, and Statics and Dynamics.

The following syllabus is designed to indicate the scope of each subject included in these papers. The questions will be of a type to test the candidate's understanding of and the power of applying the basic principles of the subject rather than his knowledge of book work and standard methods.

PAPER I

Algebra

Formulae, their evaluation and transformation, notion of a function; rate of change; factors; fractions; the gradient and area of a graph; quadratic expressions; solution of equations, linear and quadratic simple and simultaneous, use of Logarithms; simple properties of positive, negative and fractional indices; Arithmetical and Geometrical progression.

Plane Geometry & Elementary Mensuration of prism Pyramid, right circular cone and Cylinder

The substance of Euclid's six books; elementary ideas in Solid Geometry; Planes, rectangular blocks, wedges, pyramids, cylinders, cones and spheres.

Analytical Geometry

Simple properties of straight lines, circle, parabola, ellipse and hyperbola.

NOTE.—Candidates will be allowed the use of fourfigure Log Tables.

PAPER II

Elementary Trigonometry

Trigonometrical ratios and their graphs; addition theorems; identities; simple trigonometrical equations; heights and distances.

Elements of differential Calculus

Differentiation of simple functions, application to tangents and normals of simple curves.

Statics and Dynamics

Statics.—Coplaner forces; simple cases of equilibrium; moments; centre of gravity; work and power; simple machines.

Dynamics.—Velocity; acceleration; motion under gravity in a vertical plane and down a smooth inclined plane; motion of two masses connected by a string; conservation of energy.

NOTE.—Candidates will be allowed the use of fourfigure Log Tables.

PERSONALITY TEST

Psychological Tests.—Candidates called for Personality Test will be required to undergo psychological tests designed to assess their basic intelligence and mechanical aptitude.

Interview.—Each candidate will be interviewed by a Board who will have before them a record of his career, both academic and extramural. They will be asked questions on matters of general interest. Special attention will be paid to assessing their potential qualities of leadership, initiative and intellectual curiosity, tact and other social qualities, mental and physical energy, power of practical application and integrity of character.

APPENDIX II

REGULATIONS FOR THE PHYSICAL EXAMINATION OF CANDIDATES FOR APPOINTMENT TO THE INDIAN RAILWAY SERVICE OF MECHANICAL ENGINEERS

[These regulations are published for the convenience of candidates and in order to enable them to ascertain the probability of their coming up to the required physical standard. The regulations are also intended to provide guide lines to the medical examiners and a candidate who does not satisfy

the minimum requirements prescribed in the regulations, cannot be declared fit by the medical examiners. However, while holding that a candidate is not fit according to the norms laid down in these regulations, it would be permissible for a Medical Board to recommend to the Government of India for reasons specifically recorded in writing that he may be admitted to service without disadvantage to Government.

[It should, however, be clearly understood that the Government of India reserve to themselves, absolute discretion to reject or accept any candidate after considering the report of the Medical Board.]

1. To be passed as fit for appointment a candidate must be in good mental and bodily health and free from any physical defect likely to interfere with the efficient performance of the duties of his appointment.

2. (a) In the matter of the correlation of age, height and chest girth of candidates of Indian (including Anglo-Indian) race, it is left to the Medical Board to use whatever correlation figures are considered most suitable as a guide in the examination of the candidates. If there be any disproportion with regard to height, weight and chest girth, the candidate should be hospitalised for investigation and X-Ray of the chest taken before the candidate is declared fit or not fit by the Board.

(b) However, the minimum standards for height and chest girth, without which candidates cannot be accepted, are as follows :

	Height	Chest girth fully expanded	Expansion
Male candidates	152 cm	84 cm	5 cm
Female candidates	150 cm	79 cm	5 cm

The minimum height prescribed is relaxable in case of candidates belonging to races such as Gorkhas, Garhwalis, Assamese, Nagaland, Tribals, etc., whose average height is distinctly lower.

3. The candidate's height will be measured as follows :—

He will remove his shoes and be placed against the standard with his feet together and the weight thrown on the heels and not on the toes or other sides of the feet. He will stand erect without rigidity and with the heels, calves, buttocks and shoulders touching the standard; the chin will be depressed to bring the vertex of the head level under the horizontal bar, and the height will be recorded in centimetres and parts of a centimetre to halves.

4. The candidate's chest will be measured as follows :—

He will be made to stand erect with his feet together, and to raise his arms over his head. The tape will be so adjusted round the chest that its upper edge touches the inferior angles of the shoulder blades behind and lies in the same horizontal plane when the tape is taken round the chest. The arms will then be lowered to hang loosely by the side, and care will be taken that the shoulders are not thrown upwards or backwards so as to displace the tape. The candidate will then be directed to take a deep inspiration several times and the maximum expansion of the chest will be carefully noted, and the minimum and maximum will then be recorded in centimetres, thus 84—89, 86—93, etc. In recording the measurements, fractions of less than $\frac{1}{2}$ centimetre should not be noted.

5. The candidate will also be weighed and his weight recorded in kilograms; fractions of half a kilograms should not be noted.

6. The candidate's eyesight will be tested in accordance with the following rules. The result of each test will be recorded.

(i) *General.*—The candidate's eyes will be submitted to a general examination directed to the detection of any disease or abnormality. The candidate will be rejected if he suffers from any squint or morbid conditions of eyes, eye lids or contiguous structures of such a sort as to render or are likely at a future date to render him unfit for service.

(ii) *Visual Acuity.*—The examination for determining the acuteness of vision includes two tests, one for distant, the other for near vision. Each eye will be examined separately.

The candidate will be examined with the apparatus and according to the method prescribed by the Railway Board's Standing Advisory Committee of Medical Officers, to determine his acuity of vision.

N.B.—No candidate will be accepted for appointment whose standard of vision does not come up to requirement specified below without the use of the contact glasses. (A contact glass or lens is defined as a glass shell, the concavity of which is in contact with the globe of the eye, a layer or liquid being interposed between the lens and the cornea). The meaning of the word "glasses" wherever used in these Regulations is to be interpreted as not covering "contact glasses".

The standard of visual acuity with or without glasses should be as follows :—

	Distant Better Eye	Vision Worse Eye	Near Better Eye	Vision Worse Eye
For candidates below 35 years of age.	6/9 or 6/6	6/9 or 6/12	S.N.O.6.	S.N.O.8.

NOTE : (i)

- (a) Total Myopia (including the cylinder) shall not exceed —4.00D.
- (b) Total Hypermetropia (including the cylinder) shall not exceed +4.00D.
- (c) Manifest Hypermetropia shall not exceed +1.5D.
- (d) Colour perception should be normal.
- (e) Field of Vision should be normal.
- (f) Night vision should be normal.
- (g) Ocular conditions, other than visual acuity which will disqualify a candidate.
- (i) Any organic disease or a progressive refractive error which is likely to result in lowering the visual acuity.

(ii) Squint.

NOTE : (ii)

Fundus examination :

Such examination shall be done for excluding any underlying organic disease or progressive refractive error and the results recorded.

NOTE : (iii)

Field Vision :

This shall be tested in all cases by confrontation method and the results recorded. Where such test gives unsatisfactory or different results, the field of vision should be determined on the perimeter.

Colour Perception :

The candidate will be examined for Colour knowledge, either with the Edridge Green Lantern or

Ishihara's Colour Charts. Any defect in colour perception will be a cause for rejection of the candidate.

(iv) *Night Blindness.*

The candidate's night vision will be tested, with the apparatus and according to the methods prescribed by the Railway Board's Standing Advisory Committee of Medical Officers to ascertain whether or not he suffers from night blindness. The candidate who under the conditions of the ordinary Test for Visual Acuity has 6/6 vision with both eyes open with or without glasses will be rejected. If under the conditions of the Night blindness Tests, his vision with both eyes open, with or without glasses, falls below 6/24.

(v) *Field of Vision*

The field of vision of the candidate's eyes will be examined with the apparatus and according to the methods prescribed by the Railway Board's Standing Advisory Committee of Medical Officers. Any defect will be a cause for rejection of the candidate.

7. *Blood Pressure*

The Board will use its discretion regarding Blood Pressure. A rough method of calculating normal maximum systolic pressure is as follows :—

- (i) With young subjects 15—25 years of age the average is about 100 plus the age.
- (ii) With subjects over 25 years of age the general rule of 110 plus half the age seems quite satisfactory.

N.B.—As a general rule any systolic pressure over 140 and diastolic over 90 should be regarded as suspicious and the candidate should be hospitalised by the Board before giving their final opinion regarding the candidate's fitness or otherwise. The hospitalization report should indicate whether the rising blood pressure is of a transient nature due to excitement etc, or whether it is due to any organic disease. In all such cases X-Ray and electrocardiographic examination of heart and blood urea clearance test should also be done as a routine. The final decision as to fitness or otherwise of a candidate will, however, rest with the medical board only.

Method of taking Blood Pressure

The mercury manometer type of instrument should be used as a rule. The measurement should not be taken within fifteen minutes of any exercise or excitement. Provided the patient, and particularly his arm is relaxed, he may be either lying or sitting. The arm is supported comfortably, at the patient's side in a more or less horizontal position. The arm should be freed from clothes to the shoulder. The cuff completely deflated, should be applied with the middle of the rubber over the inner side of the arm and its lower edge an inch or two above the bend of the elbow. The following turns of cloth bandage should spread evenly over the bag to avoid bulging during inflation.

The brachial artery is located by palpitation at the bend of the elbow and the stethoscope is then applied lightly and centrally over it below, but not in contact with the cuff. The cuff is inflated to about 200 mm. Hg. and then slowly deflated. The level at which the column stands when soft successive sounds are heard represents the Systolic Pressure. When more air is allowed to escape the sounds will be heard to increase in intensity. The level at which the well heard clear sounds change to soft muffled fading sounds represents the diastolic pressure. The measurements should be taken in a fairly brief period of time as prolonged pressure of the cuff is irritating to the patient and will vitiate the readings. Rechecking, if necessary, should be done only a few minutes after complete deflation of the cuff. (Sometimes, as the cuff is deflated sounds are heard at a certain level they may disappear as pressure falls and reappear at a still lower level. This 'Silent Gap' may cause error in reading).

8. The urine (passed in the presence of the examiner) should be examined and the results recorded. Where a Medical Board finds sugar present in a candidate's urine by the usual chemical tests, the Board will proceed with the examination will all its other aspects and will also specially note any signs or symptoms suggestive of diabetes. If, except for the glycosuria, the Board finds the candidate conforming to the standard of medical fitness required, they may pass the candidate "fit subject to the glycosuria being non-diabetic" and the Board will refer the case to a specified specialist in Medicine who has hospital and laboratory facilities at his disposal. The Medical Specialist will carry out whatever examinations, clinical and laboratory, he considers necessary including a standard blood sugar tolerance test, and will submit his opinion to the Medical Board, upon which the Medical Board will base its final opinion "fit" or "unfit". The candidate will not be required to appear in person before the Board on the second occasion. To exclude the effects of medication it may be necessary to retain a candidate for several days in hospital, under strict supervision.

9. The following additional points should be observed :—

- (a) that the candidate's hearing in each ear is good and that there is no sign of disease of the ear. In case it is defective the candidate should be got examined by the ear specialist;
- (b) that his speech is without impediment;
- (c) that his teeth are in good order and that he is provided with dentures where necessary for effective mastication (well filled teeth will be considered as sound);
- (d) that the chest is well formed and his chest expansion sufficient and that his heart and lungs are sound;
- (e) that there is no evidence of any abdominal disease;
- (f) that he is not ruptured;
- (g) that he does not suffer from hydrocele, severe degree of varicocele, varicose veins or piles;
- (h) that his limbs, hands and feet are well formed and developed and that there is free and perfect motion of all his joints;
- (i) that he does not suffer from any inveterate skin disease;
- (j) that there is no congenital malformation or defect;
- (k) that he does not bear traces of acute or chronic disease pointing to an impaired constitution;
- (l) that he bears marks of efficient vaccination; and
- (m) that he is free from communicable disease.

10. Radiographic examination of the chest should be done as a routine in all cases for detecting any abnormality of the heart and lungs, which may not be apparent by ordinary physical examination.

When any defect is found it must be noted in the Certificate and the medical examiner should state his opinion whether or not it is likely to interfere with the efficient performance of the duties which will be required of the candidate.

Note.—Candidates are warned that there is no right of appeal from a Medical Board, special or standing, appointed to determine their fitness for the above Service. If, however, Government are satisfied on the evidence produced before them of the possibility of an error of judgment in the decision of the first Board, it is open to Government to allow an appeal to a second Board. Such evidence should be submitted within one month of the date of the communication in which the decision of the first Medical Board is communicated to the candidate, otherwise no request for an appeal to a second Medical Board will be considered.

If any medical certificate is produced by a candidate as a piece of evidence about the possibility of an error

of judgment in the decision of the first Board, the certificate will not be taken into consideration unless it contains a note by the medical practitioner concerned to the effect that it has been given in full knowledge of the fact that the candidate has already been rejected as unfit for service by the Medical Board.

Medical Board's Report

The following intimation is made for the guidance of the Medical Examiner :

1. The standard of physical fitness to be adopted should make due allowance for the age and length of service, if any, of the candidate concerned.

No person will be deemed qualified for admission to the Public Service who shall not satisfy Government, or the appointing authority, as the case may be, that he has no disease, constitutional affection, or bodily infirmity unfitting him, or likely to unfit him for that service.

It should be understood that the question of fitness involves the future as well as the present and that one of the main objects of medical examination is to secure continuous effective service, and in the case of candidates for permanent appointment to prevent early pension or payments in case of premature death. It is at the same time to be noted that the question is one of the likelihood of continuous effective service, and that rejection of a candidate need not be advised on account of the presence of a defect which in only a small proportion of cases is found to interfere with continuous effective service.

A lady doctor will be co-opted as a member of the Medical Board whenever a woman candidate is to be examined.

The report of the medical board should be treated as confidential.

In cases where a candidate is declared unfit for appointment in the Government service, the grounds for rejection may be communicated to the candidates in broad terms without giving minute details regarding the defects pointed out by the Medical Board.

In cases where a medical board considers that minor disability disqualifying a candidate for Government service can be cured by treatment (medical or surgical) a statement to that effect should be recorded by the Medical Board. There is no objection to a candidate being informed of the Board's opinion to this effect by the appointing authority and when a cure has been effected it will be open to the authority concerned to ask for another Medical Board.

(a) Candidate's statement and declaration.

The candidate must make the statement required below prior to his Medical Examination and must sign the Declaration appended thereto. His attention is specially directed to the warning contained in the Note below :—

1. State your name in full (in block letters).....

.....
.....

2. State your age and birth place.....

.....
.....

2. (a) Do you belong to races such as Gorkhas, Garwals, Assamese, Nagaland Tribals etc. whose average height is distinctly lower? Answer 'Yes' or 'No', and if the answer is 'Yes', state the name of the race.

3. (a) Have you ever had smallpox intermittent or any other fever, enlargement or suppuration of glands, spitting of blood, asthma, heart disease, lung disease, fainting attacks, rheumatism, appendicitis?

.....
.....

OR

(b) any other disease or accident requiring confinement to bed and medical or surgical treatment?

4. When were you last vaccinated?

.....
.....

5. Have you or any of your near relations been afflicted with consumption, scrofula, gout, asthma, fits, epilepsy, or insanity?

.....
.....

6. Have you suffered from any form of nervousness due to over-work or any other cause?

.....
.....

7. Furnish the following particulars concerning your family :—

Father's age if living and state of health	Father's age at death and cause of death	No. of brothers living, their ages and state of health	No. of brothers dead, their ages at and cause of death
.....
.....
.....

Mother's age of living and state of health	Mother's age at death and cause of death	No. of sisters living, their ages and state of health	No. of sisters dead, their ages at and cause of death
.....
.....
.....

8. Have you been examined by a Medical Board before ?.....

9. If answer to the above is yes, please, state what Service/ Services you were examined for ?.....

10. Who was the examining authority ?.....

11. When and where was the Medical Board held ?.....

12. Result of the Medical Board's examination if communicated to you or if known ?.....

I declare all the above answers to be, to the best of my belief, true and correct.

Candidate's Signature.....

Signed in my presence.

Signature of Chairman of the Board.

NOTE.—The candidate will be held responsible for the accuracy of the above statement. By wilfully suppressing any information he will incur the risk of losing the appointment and, if appointed, of forfeiting all claims to Superannuation Allowance or Gratuity.

(b) Report of the Medical Board on (name of candidate) physical examination.

1. General Development : Good.....

Fair Poor

Nutrition : Thin Average.....
..... Obese

Height (without shoes)

Weight Best Weight

When ? Any recent change
in Weight ?.....

Temperature.....
.....

Girth of Chest :—
(1) (After full inspiration)

(2) (After full expiration)

2. Skin : Any obvious disease.

3. Eyes :

(1) Any disease

(2) Night blindness

(3) Defect in colour vision

(4) Field of vision

(5) Visual Acuity

Acuity of vision	Naked eye	With glasses	Strength of glasses		
			Sph.	Cyl.	Axis
Distant vision R.E. L.E.					
Near vision R.E. L.E.					
Hypermetropia R.E. (Manifest). L.E.					

4. Ears : Inspection..... Hearing :

Right Ear Left Ear

5. Glands Thyroid

6. Condition of teeth

7. Respiratory System : Does physical examination reveal anything abnormal in the respiratory organs ?
.....

If yes, explain fully

8. Circulatory System :

(a) Heart : Any organic lesions ?

Rate : Standing

After hopping 25 times

.....

2 minutes after hopping

.....

Blood pressure : Systolic

Diastolic

9. Abdomen Girth Tenderness

Hernia

(a) Palpable : Lever

Spleen Kidneys

Tumours

(b) Haemorrhoids Fistula

10. Nervous System : Indications of nervous or mental disabilities.

11. Loco-Motor System : Any abnormality

.....

12. Genito Urinary System : Any evidence of Hydrocele. Varicocele etc. :

Urine Analysis :

(a) Physical appearance (b) Sp. Gr. (c) Albumen

(d) Sugar (e) Casts

(f) Cells

13. Report of X-ray Examination of Chest.

14. Is there anything in the health of the candidate likely to render him unfit for the efficient discharge of his duties in the service for which he is a candidate ?

15. For which services has the candidate been examined and found in all respects qualified for the efficient and continuous discharge of his duties and for which of them is he considered unfit ?

President

Member

Date

Place

APPENDIX III

CONDITIONS OF APPRENTICESHIP FOR SPECIAL CLASS APPRENTICES SELECTED THROUGH THIS EXAMINATION

The terms and conditions of Apprenticeship will be as set out in the form of agreement prescribed in the Indian Railway Establishment manual, brief particulars of which are given below :—

1. A candidate selected for appointment as a Special Class Apprentice shall execute an agreement, binding himself and one surety jointly and severally to refund in the event of his failing to complete training to the satisfaction of the Central Government any moneys paid to him consequent on his appointment as Apprentice.

The apprentices will be liable to undergo practical and theoretical training for 4 years in the first instance under an indenture binding them to serve on the Indian Railways on the completion of their training if their services are required. The continuance of apprenticeship from year to year will depend on satisfactory reports being received from the authorities under whom the apprentices may be working. If at any time during his apprenticeship, any apprentice does not satisfy the superior authorities that he is making good progress, he will be liable to be discharged from the apprenticeship.

NOTE.—The Government of India may at their discretion alter or modify the periods and courses of training.

2. The practical and theoretical training referred to above will be given in a railway workshop for four years of their apprenticeship. Special Class Apprentices must pass within this period either Parts 1 and 2 of the Council of Engineering Institutions Examination (London) or Sections 'A' and 'B' of the Associate Membership of Institution of Engineers (India) Examinations. The apprentices will be granted a stipend of Rs. 125 per mensem during the 1st & 2nd years and Rs. 175 per mensem during the 3rd and 4th years. During the apprenticeship the apprentices will be required to undergo training in four periods of one year each, six

months in the shops followed by six months in the School and will be examined at the end of each session. If unsuccessful at any or these examinations they will, depending on their performance, be asked to sit for and pass in supplementary examination or reverted to the next lower batch or removed from apprenticeship.

NOTE.—Except as provided for in paragraph 4 below or in cases of discharge or dismissal due to insubordination, intemperance or other misconduct or breach of agreement, a week's notice of discharge from apprenticeship will be given.

3. Before the completion of 4th year of training referred to in paragraph 2 above, the apprentices will be listed in order of merit on the results of the examination held and the reports on the apprentices received during the period of apprenticeship. Successful apprentices will be appointed on probation for 3 years in the Indian Railway Service of Mechanical Engineers.

NOTE.—An apprentice will be considered to have obtained the qualifying standard if he obtains a minimum of 50 per cent. marks in the aggregate in all the examinations held during the 4 years of his training including the marks of the reports of the Principal, Indian Railways School of Mechanical and Electrical Engineering, Jamalpur and of the Deputy Chief Mechanical Engineer, provided that in each of the 4 years he has obtained a minimum of 45 per cent. marks in the aggregate and a minimum of 40 per cent. marks in any one subject.

4. Unsuccessful apprentices will be discharged from their apprenticeship, one month's notice of discharge being given along with the intimation that the apprentice has been unsuccessful.

5. During the 1st and 2nd years of probation they will be sent to one or more of the Indian Railways for undergoing training in accordance with the syllabus prescribed for the purpose as modified from time to time. The probationers may also be required to attend after working hours, a technical college or special lectures on Engineering subjects. They will be given an oral test at the end of each phase of training during these two years of training and at the end of the 2nd year, they will be given a written test to be conducted jointly by the Chief Mechanical Engineer and the Chief Operating Superintendent of the Railway to which they are posted, on the training received by the probationers during this period. The qualifying marks at this test will be 50 per cent.

6. During the probationary period, they will have to attend a prescribed course of training in the Railway Staff College, Baroda, and to qualify in the tests held in the College. The test in the College is compulsory and a second chance, in the event of failure, will not be given except in exceptional circumstances and provided the record of the officers is such as to justify such relaxation being made. Failure to pass the test may involve the termination of service, and in any case, the officers will not be confirmed till they pass the test, their period of training and/or probation being extended as necessary. Before the end of second year of probation, they will be required to undergo a departmental examination which will include Accounting and Estimating, General and Subsidiary Rules, Factories Act, Workmen's Compensation Act, ability to handle labour and general application to work or works on which each officer is engaged while on probation. They will be required to pass the departmental examination within the second year of the probationary period. Failure to pass the examination may result in termination of service, and will, in any case, involve stoppage of increments. In case, where the probationary period has to be extended for failing to pass any or all the departmental examinations within the stipulated period, on their passing the departmental examination and being confirmed after expiry of extended period of probation, the drawal of the first and subsequent increments will be regulated by the Rules and orders in force from time to time. It must be noted that a second chance to pass any examination will, as a rule, not be given except under exceptional circumstances and only provided the office record of the candidate during the period of his training is such as to justify such relaxation being made.

7. The appointment and pay as a probationer will commence from (a) the date of completion of four years of apprenticeship or (b) the actual date of completion of training whichever is later. Service for increment will subject to paragraph 6 above, count from the date of appointment as probationer.

NOTE 1.—The retention in service of the probationers and the grant of annual increments are subject to satisfactory reports on their work being received at the end of each year of probation.

NOTE 2.—Service as probationer may be terminated on 3 months' notice on either side.

8. Particulars as to pay and general conditions of service prescribed for officers in the Indian Railway Service of Mechanical Engineers will be found in Appendix IV.

APPENDIX IV

PARTICULARS REGARDING THE INDIAN RAILWAY SERVICE OF MECHANICAL ENGINEERS

1. The probationary officers will be on probation for a period of three years during which their services will be liable to termination on three months' notice on either side. They shall undergo practical training for the first two years. Those who are reported upon and considered to have completed successfully the two years' training will be given charge of a working post provided they pass departmental and other examinations as may be prescribed. It must be noted that a second chance to pass any examination will, as a rule, not be given except under exceptional circumstances and only provided the other record of the candidate during the period of his training is such as to justify such a relaxation being made. Failure to pass the examination may result in the termination of service and will, in any case, involve stoppage of increment. At the end of one year in a working post the officers will be required to pass a final examination both practical and theoretical and will, if successful, be confirmed provided they are considered otherwise fit for permanent appointment. In cases, where the probationary period is extended for any reason, on their passing the departmental examinations and being confirmed after expiry of the extended period of probation, the drawal of the first and subsequent increments will be regulated by rules and orders in force from time to time.

Probationers will also have to undergo training at the Railway Staff College, Baroda, in two phases, first during the period of their two years' training and again during the period when they hold working posts. The test in the college is compulsory and a second chance in the event of failure, will not be given except in exceptional circumstances and provided the record of the officers is such as to justify such relaxation being made. Failure to pass the test may involve the termination of services and in any case, the officers will not be confirmed till they pass the test, their period of training and/or probation being extended as necessary.

NOTE.—The period of training and the period of probation against a working post may be modified at the discretion of Government. If the period of training is extended in any case due to the training not having been completed satisfactorily, the total period of probation will be correspondingly extended.

2. Probationers should have already passed or should pass during the period of probation, an examination in Hindi in the Dev Nagri script of an approved standard. This examination may be the "PRAVEEN" Hindi Examination which is conducted by the Directorate of Education, Delhi or one of the equivalent Examinations recognised by the Central Government.

No probationary officer can be confirmed or his pay in the time scale raised to Rs. 450.00 per month unless he fulfils this requirement, and failure to do so will involve liability to termination of service. No exception can be granted.

3. Any person appointed to the Indian Railway Service of Mechanical Engineers on the results of the Examination held in 1965 onwards shall, if so required, be liable to serve in any Defence Service or post connected with the Defence of India for a period of not less than four years including the period spent on training, if any:—

Provided that such a person—

- (a) shall not be required to serve as aforesaid after the expiry of ten years from the date of appointment as probationer;

(b) shall not ordinarily be required to serve as aforesaid after attaining the age of forty years.

4. Officers of the Indian Railway Service of Mechanical Engineers recruited under these Regulations,

(a) will be eligible to pensionary benefits; and

(b) shall subscribe to the State Railway Non-Contributory Provident Fund under the Rules of that Fund;

as applicable to Railway Servants appointed on the date they join service.

5. Pay will commence from the date of joining service as a probationer. Service for increments will also count from the same date subject to paragraph 1 above. Particulars as to pay are contained in paragraph 9 of this Appendix.

6. Officers recruited under these regulations shall be eligible for leave in accordance with the rules for the time being in force applicable to officers of Indian Railways.

7. Officers will ordinarily be employed throughout their service on the Railways to which they may be posted on first appointment and will have no claim, as a matter of right, to transfer to some other Railway but the Government of India reserve the right to transfer such officers in the exigencies of service, to any other Railway or Project in or out of India. Officers will be liable to serve in the Stores Department of Indian Railways if and when called upon to do so.

8. The relative seniority of officers recruited on the results of the Special Class Railway Apprentices Examination will ordinarily be determined by the order of merit at the end of their first four years' training, while in the case of those recruited on the results of the Combined Engineering Services Examination, the relative seniority will ordinarily be determined by the order of merit in the competitive examination. As between the officers recruited through Special Class Railway Apprentices Examination and those recruited through Combined Engineering Services Examination, seniority will be determined on the basis of entry in the time-scale subject to *inter-se* seniority of each batch being maintained. The Government of India, however, reserve the right of fixing seniority at their discretion in individual cases. They also reserve the right of assigning to officers appointed otherwise than by the two examinations referred to above, positions in the seniority list at their discretion.

NOTE.—If the period of training and consequently the period of probation is extended in any particular case due

to the training not having been completed satisfactorily, the officer concerned is liable to lose in seniority.

9. The following are the rates of pay at present admissible to officers appointed to Indian Railway Service of Mechanical Engineers.

Junior Scale : Rs. 400—400—450—30—600—35—670—EB—35—950 (authorised Scale).

Senior Scale : Rs. 700 (1st to 6th Year)—40—1,100—50/2—1,250 (authorised Scale).

Junior Administrative Grade : Rs. 1,300—60—1,600.

Senior Administrative Grade : Rs. 1,800—100—2,000—125—2,250.

NOTE 1.—Probationary officers will start on the minimum of the Junior Scale and will count their service for increments from the date of joining. They will, however, be required to pass any departmental examination or examinations that may be prescribed before their pay can be raised from Rs. 400.00 p.m. to Rs. 450.00 p.m. in the time scale.

NOTE 2.—Increment from Rs. 400.00 to Rs. 450.00 will be stopped if they fail to pass departmental examinations within the first two years of the training and probationary period. In cases where the training period has to be extended for failure to pass all the departmental examinations within the stipulated period, on their passing the departmental examinations after expiry of the extended period of training, their pay from the date following that on which the last examination ends, will be fixed at the stage in the time scale which they would have otherwise attained but no arrears of pay would be allowed to them. In such cases the date of future increments will not be affected.

NOTE 3.—Advance increments from Rs. 400 to Rs. 450 and from Rs. 450 to Rs. 480 in the junior scale of Rs. 400—950 may, however, be granted during the period of probation as soon as the probationary officer passes the prescribed examinations. After the grant of advance increments, the pay of the officer will be regulated according to his position in the time scale.

10. The increments will be given for approved service only and in accordance with the rules of the Department.

11. Promotions to the Administrative grades are dependent on the occurrence of vacancies in the sanctioned establishment and are made wholly by selection; mere seniority does not confer any claim for such promotion.

